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JUL 18 1996

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ADVANCED WASTE MANAGEMENT, INC.

8974 South Trueblood Place • Terre Haute, Indiana 47802-9710 812-299-9547 FAX: 812-299-1544

July 15, 1996

Pauletta Franze-Isetts Superfund Division USEPA Region VII 726 Minnesota Ave. Kansas City KS 66101

Dear Ms. Franze-Isetts:

Advanced Waste Management, Inc. is hereby responding to Mr. Steve Kovac, Chief Missouri/Kansas Remedial Branch, Superfund Division's letter dated June 14, 1996 and received June 17, 1996. AWM's response has been made within the thirty days of receipt of Mr. Kovac's letter.

AWM has provided a separate response to each and every question (21 questions) set forth in the instructions which were an attachment to the letter dated June 14, 1996.

If you have any comments or questions, please write or call.

Sincerely,

ADVANCED WASTE MANAGEMENT, INC.

Michael E. Johnson, P.E.

President

MEJ/lh

Enclosure

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153815



SUPERFUND RECORDS

ADVANCED WASTE MANAGEMENT, INC. RESPONSE TO LETTER OF JUNE 14, 1996 FROM STEVE KOVAC, CHIEF MISSOURI/KANSAS REMEDIAL BRANCH SUPERFUND DIVISION

 Identify the person(s) answering these questions on behalf of Respondent.

RESPONSE:

Michael E. Johnson, President, Advanced Waste Management, Inc., 8974 South Trueblood Place, Terre Haute IN 47802. Phone: 812-299-9547. Home address: 6377 South Sullivan Place, Terre Haute IN 47802. Home phone 812-299-8310.

2) Identify the person to whom future correspondence regarding this matter should be directed.

RESPONSE:

Michael E. Johnson, President, Advanced Waste Management, Inc., 8974 South Trueblood Place, Terre Haute IN 47802. Phone: 812-299-9547. Home address: 6377 South Sullivan Place, Terre Haute IN 47802. Home phone 812-299-8310.

3) For each and every question contained herein, identify all persons consulted in the preparation of the answer.

RESPONSE:

Michael E. Johnson.

4) Identify all names used by Respondent between 1982 and 1987.

RESPONSE:

Advanced Waste Management, Inc., Route 22, Box 294A, Terre Haute IN 47802-9710. Advanced Waste Management, Inc. remains at the same physical location as it was during the entire period from 1982 through 1987; however, the postal department has issued a new address replacing the Route 22 designation with 8974 South Trueblood Place.

Advanced Waste Management, Inc. is an environmental consulting firm specializing in the handling of special and hazardous waste.

5) Provide a description of all PCBs and PCB-items purchased, or brokered by you between 1982 and 1987 which were sent to the

Sites for treatment and disposal. For each and every transaction, identify the companies or individuals which contracted with Respondent to purchase or dispose of PCBs or PCB-items.

RESPONSE:

Between 1982 and 1987, Advanced Waste Management, Inc. made a total of nine shipments to PCB, Inc. in Kansas City. These nine loads were broken down as follows:

No shipments were made in 1982 and no shipments were made in 1983.

There were two loads in 1984 - the first load was shipped on July 20 from Marathon Petroleum Company, Robinson, IL 62454. Four, 55-gallon drums were shipped; two contained PCB transformer oil; one contained PCB contaminated debris; and one contained PCB small capacitors. The second shipment in 1984 was from Digital Audio Disc Corporation, Terre Haute, IN. The shipment left the DADC facility on October 29. There were two, 833 KVA transformers on this shipment.

In 1985 there were a total of four shipments to PCB, Inc. The first shipment was on February 5, 1985. Sixty nine, 55-gallon drums of small PCB capacitors were shipped from Fedders USA, 415 Wabash Ave., Effingham, IL 62401. On March 25, fifty eight, 55-gallon drums of small PCB capacitors were shipped from Fedders, USA.

On June 12, a shipment which contained three 55-gallon drums of PCB capacitors weighing a total of 820 pounds from Texaco Refining and Marketing, Inc., P.O. Box 311, Lawrenceville, IL 62439. Also, on this same shipment were eight pounds of small capacitors (6) from BDP Company, 7310 West Morris Street, Indianapolis, IN. Lastly on the June 12 shipment was six, 55-gallon drums from Marathon Petroleum Company, Marathon Ave., Robinson, IL 62454. Of the six drums, three contained PCB transformer oil; one contained PCB contaminated solids; one contained PCB ballast and small capacitors; and one contained a large PCB capacitor.

The fourth shipment in 1985 was from Marathon Petroleum Company, Illinois Refining Division, Robinson, IL 62454 and contained two, 55-gallon drums of PCB transformer oil, plus three transformers - one 25KVA, one 167KVA and one 150 KVA. All were manufactured by General Electric.

In 1986 there were two shipments to PCB, Inc., Kansas City.

The first was on June 5, 1986. Approximately 1300 gallons of PCB contaminated mineral oil (less than 150 ppm) was shipped from Hobbs Trailers, Youngstown, OH. The second shipment in 1986 occurred on October 14; one, 55-gallon drum containing a PCB capacitor was shipped from Marathon Petroleum Company, Illinois Refining Division, Robinson, IL 62454; and one PCB capacitor in an over-pack drum from Midwest Minerals, Inc., 19 South 6th Street, Suite 805, Terre Haute, IN.

In 1987, there was one shipment. On October 27, 1987, fifteen drums of contaminated soil was shipped from Midwest Minerals, Inc., 19 South Sixth Street, Suite 805, Terre Haute, IN to PCB, Inc., Kansas City.

The nine shipment were from a total of seven generators: Marathon Petroleum Company, Digital Audio Disc Corporation, Texaco, BDP Company, Fedders USA, Midwest Minerals, Inc. and Hobbs Trailers. All shipments were in drummed quantities with the exception of the two, 833 KVA transformers from DADC on October 29, 1984; and three, GE transformers from Marathon Petroleum Co., on September 5, 1985.

There were a total of 156, 55-gallon drums shipped. Of these 156, 127 of the drums contained non-regulated (less than 3 pound) PCB capacitors. The Hobbs Trailer shipment on June 5, 1986, was a bulk shipment of 1300 gallons of mineral oil with a PCB contamination of less than 150 ppm.

Please see attached documents to support the information given for question #5.

6) Identify all persons, including Respondent's current and former employees, who have or may have knowledge, information or documents about the generation, use, purchase, treatment, storage, disposal or other handling of materials, equipment or items at, or transportation of materials, equipment or items to the Sites.

RESPONSE:

Michael E. Johnson, Advanced Waste Management, Inc. For transportation: Mike Morris, Morris Trucking Corporation, 3201 Canal Road, Terre Haute IN. Mr. Tom Large, Envirosure Corporation, 2700 Rock Creek Parkway, Suite 105, North Kansas City, MO 64117.

7) For each transaction identified in, provide contract pricing information, including but not limited to, the purchase price of PCBs or PCB-items or the unit rates for disposal and submit all related documentation. For each transaction, identify the person or entity which selected PCB Treatment, Inc. as the facility to treat and dispose of the PCBs or PCB-items.

RESPONSE:

Advanced Waste Management, Inc. acted as the broker for all transactions presented in Item #5 between 1982 and 1987. During this period, Advanced Waste Management made the recommendations to the generators to use PCB, Inc. During this time frame, AWM personnel consisted of Michael E. Johnson, President/Manager, plus a secretary.

Please see documents to support question #5 for price information.

8) Identify all persons with whom Respondent, Respondent's employees or other persons made any arrangements for disposal of materials, items or equipment at the Sites or transportation of materials, equipment or items to the Sites. For each transaction, describe the type of arrangements made and submit all documentation relating to such arrangements.

RESPONSE:

All transactions between 1982 and 1987 regarding PCB, Inc. were handled in a similar manner. AWM, either in writing or verbally, made quotations to the generator. And either in writing or verbally, the generator accepted. All available data regarding these transactions can be found attached to the response to item #5. In all cases, transportation services were provided by Morris Trucking Corp., 3201 Canal Road, Terre Haute IN 47802.

9) Identify all persons with whom Respondent, Respondent's employees or other persons made any arrangements for the storage, treatment, or disposal of materials or items at the Site. For each such transaction, describe the type of arrangement made and submit all documentation relating to such arrangement.

RESPONSE:

All available data regarding arrangements for treatment and

disposal have been provided in the response to question #5. There was never any arrangements made for storage; only transportation, treatment and disposal.

10) State whether Respondent's clients or customers were informed by you that the PCBs you were brokering for them were being sent to PCB Treatment, Inc. for disposal. Provide copies of all documents provided by Respondent to Respondent's customers or clients relating to the final disposition of PCB-containing materials brokered by Respondent on their behalf.

RESPONSE:

Yes, clients or customers were informed by this writer that the PCB's were being sent to PCB Treatment, Inc. or Envirosure for treatment and disposal. See response to Item #5 for additional detail.

- 11) Provide copies of all documents including, but not limited to, invoices, contracts, receipts, manifests, certificates of disposal, shipping papers, service orders, and other documents, pertaining to Respondent's transportation of material, equipment or items, or arrangements for transportation of material, equipment or items, to PCB Treatment, Inc.:
 - a) Identify all documents pertaining to the transportation or arrangement for transportation of material, equipment or items to the Wyandotte Street location;
 - b) Identify all documents pertaining to the transportation or arrangement for transportation of material, equipment or items to the Ewing Street location.

RESPONSE:

All of the available data regarding the nine shipments between 1982 and 1987 have been provided in the response to question #5.

AWM, to the best of our knowledge, sent all materials to the 2100 Wyandotte Street location. I do not recall any material being sent to the Ewing Street location.

- 12) Provide copies of all documents including, but not limited to, invoices, contracts, receipts, manifests, certificates of disposal, shipping papers, service orders, and other documents pertaining to Respondent's arrangements for the storage, treatment or disposal of material, equipment or items at PCB Treatment, Inc.:
 - a) Identify all documents pertaining to the storage, treatment or disposal of material, equipment or items to the Wyandotte Street location;
 - b) Identify all documents pertaining to the storage, treatment or disposal of material, equipment or items to the Ewing Street location.

RESPONSE:

To this writers knowledge, all documentation (see response to questions number 5) was to the Wyandotte Street location. To my knowledge, none of the nine shipments were shipped to the Ewing Street location.

13) State whether ownership of or title to any of the PCB-containing materials brokered by Respondent was conferred upon Respondent by the terms of any of the brokering agreements of other documents requested above. If so, please indicate which documents contain such provisions.

RESPONSE:

To the best of my knowledge, there was no conveyance of ownership to Advanced Waste Management, Inc. in any of the brokering arrangements detailed in this submission.

14) Provide any information or knowledge in the possession of Respondent, its affiliates, contractors or agents, relating to PCB Treatment, Inc. (such as correspondence you may have received from other persons relating to PCB Treatment, Inc.).

RESPONSE:

The response to Item #5 with all of its attachments is Advanced Waste Management's complete record regarding PCB Treatment, Inc.

15) Provide any information or knowledge in the possession of Respondent relating to the handling or transportation of material, equipment or items between the Wyandotte Street and Ewing Street Sites by any person and the purpose for such movement of material, equipment or items between the Sites.

RESPONSE:

This writer, Michael E. Johnson, and Advanced Waste Management, Inc. have no knowledge of material movements between Wyandotte Street and Ewing Street Sites.

16) Identify all materials, equipment or items that were rejected from the Sites. For each material, equipment or item rejected from the Sites, state the reason for such rejection.

RESPONSE:

To my knowledge, only the materials listed in Item #5 were ever submitted to PCB Treatment, Inc. for disposal and all of these materials were accepted.

- 17) State whether Respondent, Respondent's employees, contractors and/or agents, or other persons ever shipped any material, equipment or item to the Sites? If so, provide the following information for each material, equipment or item that was or may have been sent to the Sites:
 - a) the type of material, equipment or item (i.e., transformer, capacitor, switch, etc.);

RESPONSE:

The data provided in the response to questions #5 provides, in each case, the type of material, equipment or item.

b) the size or rating of the material, equipment or items;

RESPONSE:

The size and weight of the material is given in most cases. There is no additional data other than that provided in the response to questions #5.

c) the name of the manufacturer and serial number;

RESPONSE:

The name of the manufacturer and serial numbers are provided in some cases. See response to questions #5.

d) the total weight of the material, equipment, or items;

RESPONSE:

The total weight of drums and other equipment were provided in many cases. All of the available data is presented in the response to question #5.

e) the total weight of oil (in gallons, pounds, or kilograms) contained in the material, equipment or item, or the oil capacity of the material, equipment or item, and the method used to determine the amount or capacity;

RESPONSE:

All available data was presented in the response to question #5.

f) the type of oil or other fluid that was present or may have been present in such material, equipment or item at the time it was sent to the Sites;

RESPONSE:

All data that was available was presented in question #5.

g) describe what steps were taken to determine whether the oil or fluid contained PCBs at the time of removal from service or of disposal;

RESPONSE:

All of the available data regarding PCB analysis can be found in the attachments regarding question #5. This writer can think of no occasion where PCB materials were shipped without being tested or having some prior analytical data on the PCB item in question.

h) any and all documentation, including but not limited to, analytical data which indicates the concentration of PCBs contained in the oil or fluid;

RESPONSE:

All available analytical data in the possession of AWM and known to exist has been submitted in the material referenced in question #5.

i) the date on which the material, equipment or item left your facility;

RESPONSE:

The dates from the nine shipments between 1982 and 1987 were presented in the response to question #5.

j) the time period during which the material, equipment or item remained at the Sites;

RESPONSE:

In all cases, the PCB materials were picked up from the generator and moved directly to PCB, Inc. in Kansas City; usually arriving the next day or within a day or two.

k) the name, address and telephone number of the transporter;

RESPONSE:

For the nine loads shipped between 1982 and 1987, the transporter was Morris Trucking Corp., 3201 Canal Road, Terre Haute 47802; phone (812) 232-1984. Mr. Mike Morris is president of Morris Trucking.

1) if the material, equipment or item was owned by someone other than Respondent, identify the person owning such material, equipment or item; and

RESPONSE:

To AWM's knowledge there were no owners other than those identified as the generator, i.e. the seven companies mentioned in the response to question #5; namely, Texaco, BDP Company, Fedders USA, Midwest Minerals, Hobbs Trailers, DADC, and Marathon Petroleum Co.

m) the name(s), address(es), telephone number(s), and date(s) of ownership of any and all prior owners, if any, of the material, equipment and item.

RESPONSE:

None are known by Advanced Waste Management or this writer.

- 18) With respect to each shipment of oil to the Sites by tanker truck, in drums or any other method of shipment, provide:
 - a) the total amount of oil in gallons, pounds or kilograms contained in each shipment and the method of shipment or type of container used;
 - b) the type of oil or fluid contained in each shipment;
 - c) describe the steps taken to determine whether the oil or fluid contained PCBs at the time of shipment; and
 - d) any and all documentation, including but not limited to, analytical data, that indicates the concentration of PCBs contained in the oil or fluid.

RESPONSE:

There was only one bulk shipment of the nine loads shipped between 1982 and 1987. This was the 1300 gallons of mineral oil shipped from Hobbs Trailers, Youngstown, OH on July 5, 1986. The data is attached with the response material from question #5, which shows a PCB concentration of less than 150 ppm. In other situations of PCB oils in drums, if the data was available, AWM put the response in question #5.

- 19) With respect to soil and debris shipped to the Sites, provide the following:
 - a) a description of the constituents of the soil or debris shipped to the Sites;
 - b) the total amount of soil or debris shipped to the Sites in pounds, cubic yards, cubic feet, or other type of measurement. Describe the type of measurement;
 - c) describe the steps taken to determine whether the soil or debris contained PCBs at the time of shipment; and

d) any and all documentation, including but not limited to, analytical data, that indicates the concentration of PCBs contained in the soil or debris.

RESPONSE:

There was one shipment containing 15 drums of PCB contaminated soil. This shipment was from Midwest Minerals, Inc. and occurred on October 27, 1987. The 15 drums of contaminated soil had been generated as a result of a single leaking PCB capacitor, which had been shipped by Midwest Minerals through AWM on October 14, 1986. The 15, 55-gallon drums were the contaminated soil resulting from an Indiana Department of Environmental Management mandated clean up. The test results that were obtained as part of that clean up program and more data are provided under question #5.

20) List the EPA RCRA Identification Numbers of Respondent, generators, brokers, and/or transporters, if any, and identify the corresponding units, facilities or vessels assigned these numbers.

RESPONSE:

Advanced Waste Management, Inc., 8974 South Trueblood Place, Terre Haute IN 47802 EPA Identification Number IND 980 680 656

Morris Trucking Corporation 3201 Canal Road Terre Haute IN 47802 EPA Identification Number IND 016 651 127

PCB, Inc. of Missouri 2100 Wyandotte Street Kansas City MO 64108 EPA Identification Number MOD 980 633 044

21) If you have reason to believe that there may be other persons, whether or not employed by Respondent, who may be able to provide a more detailed or complete response to any question or subpart of a question or who may be able to provide additional information or responsive documents, identify each such person and the additional information or documents that each may have.

RESPONSE:

AWM and this writer know of no other individuals or companies which could additional information to this request.

ADVANCED WASTE MANAGEMENT, INC.

Johnson, P.E. President

SUPPORTING DOCUMENTS FOR QUESTION #5

1984

ADVANCES WASTE WANAGEMENT, INC.

No. J-21984-040

HARLAN ROAD ROUTE 22 BOX 294A TERRS HAUTE, INDUNIA 47802 012-296-2647

. Marathon Petroleum Company Refinery Purchasing Department Robinson, IL 62454 S H • I P

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STATEMENT

MORRIS TRUCKING CORP.

3201 CANAL RD. P.O. BOX 2042 TERRE HAUTE, IN 47802 812-232-1984

		Date	August 7	<u> 19 84</u>
Name	Advance Waste Management			
Address	R.R. 22 Fox 29/A			
City	Terre Haute, Ind.			
DATE	DESCRIPTION	TICKET NO	WEIGHT	TOTAL
7-20	Robinson, Il to Kansas Tity, Mo	2483		\$ 250.00
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PURCHASE ORDER 15



Marathon Petroleum Company

(MARATHON)		Date_	July 19, 1984 No	RRL-87337
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nip To:		PETROLEUM COMPANY, Refinery Illinois 62454	T Exempt, Industrial Processing (Mfg)	
nip to arrive by	To be picked up July 20, 1984	Ship Via: Your Truck	A Exempt, Incorporated Into Product S X Direct Pay Permit, State Exempt, Other	old
QUANTITY	This Order accepted by Selle	er subject to Instructions and Conditions on the fac	e hereof and on the reverse side.	PRICE
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2	PCB's LIQUID, TRANS	FORMER OIL.		\$300.00 E
1	PCB's CONTAMINATED	MATERIALS.		175.00
1	PCB's SMALL CAPACIT	ORS.		175.00
	Confirming: 7/16/8	4 J. G. Genyk to Mike Johnson	1.	
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		FOB: Your Pickup Freight: Prepay & Ad Terms: Net 30 Days	ld to Invoice	
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CODE 94				

FULLY EXECUTED ACKNOWLEDGMENT COPY MUST BE RETURNED PROMPTLY

Delivery will be accepted on NORMAL WORKING DAYS ONLY between the hours of 7 AM to 3 PM

3.N.S.

Direct inquiries regarding this order to Refinery Purchasing Department

Robinson, Illinois 62454
Telephone - 544-2121 (Area Code 618)
Marathon Petroleum Company

July 13, 1984

Mr. Noel C. Tanneur Marathon Petroleum Company Illinois Refinery Division Robinson Illinois 62454

Dear Mr. Tanneur:

In response to your request I am providing a firm quotation for the proper and safe handling and disposal of your waste PCB material .

Advanced Waste Management Inc. will pick up, transport and dispose of your four 55 gallon drums of PCB material as follows: the PCB solids, the PCB capacitors, the PCB liquid < 500 ppm and the PCB liquid > 500 ppm shall be taken to our contract facility P.C.B., Inc. of Missouri, Kansas City, Missouri (MOD 980633044). There the PCB solids & Capacitors will be consolidated and re-manifested to the U.S. Ecology, secure landfill, in Beatty, Nevada. The PCB liquids will be consolidated and re-manifested to the SCA incinerator facility in Chicago, IL.

A certification of destruction will be provided for the liquid PCBs.

The costs shall be as follows:

PCB Capacitors \$175.00 per drum PCB Solids \$175.00 per drum PCB Liquids \$300.00 per drum Transportation \$400.00 complete

This proposal is in complete compliance with all state, federal and local regulatory agencies.

If you have any questions please write or call.

Thanks again for the opportunity to quote our services.

Sincerely,

ADVANCED WASTE MANAGEMENT, INC.

Michael E. Johnson, P.E. Manager

MEJ:pz

INVOICE

P. C.B. INC. OF MISSOURI

21 0 WYANDOTTE

P.O. BOX 23793

KANSAS CITY,MO.64108

KANSAS CITY, MISSOURI 64141

(816)221-3660

Sold To Advanced Waste Management Inc.

Harlan Road, Rt 22

Box 294 A

Terre Haute, Indiana 47802

No. 84-0837973/1073

Date

July 30, 1984

Shipped to P.C.B. INC.OF MISSOURI

P.O. BOX 23793

K.C. MO. 64141

Te phone No.	PICK UP: I	Marathon Petroleum				
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"PLEASE RETURN PINK COPY OF INVOICE WITH PAYMENT"

".C.B. INC. OF MISSOURI

100 WYA	DOTTE P	.O. BOX 23793	
ANSAS CI	TY,MO.64108 K. (816)221-	ANSAS CITY, MI 3660	SSOURI 64141
; old To	Advanced Waste Mana	agement Inc.	
	Harlan Road, Rt 22 Box 294 A		
	Box 294 A Terre Haute, Indian	na 47802	

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	I	V	O	C

No.	84-0851	512/	1075

Date July 30, 1984

Shipped to P.C.B. INC.OF MISSOURI

P.O. BOX 23793

K.C. MO. 64141

Telephor	ne No.		Mara	Than?					
Jr Order P. J. J-2	No. 0084-01	Our Order No. CONTRACT	Salesman	Salesman TOM LARGE					
Date Shippe		Shipped Via MORRIS TRUCKING	F.O.B. ROB,ILL	Terms DUE	UPON RECEIPT				
Juantity Ordered	Quantity Shipped	Stock Number/Descr	iption	Price P	Per Amount				
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PLEASE RETURN PINK COPY OF INVOICE WITH PAYMENT"

P.J.B. INC. OF MISSOURI



INVOICE

21 0 WYANDOTTE P.O. BOX 23793

KANSAS CITY, MO.64108 KANSAS CITY, MISSOURI 64141

(816)221-3660

Sold To Advanced Waste Mgmt. Inc.

Harlan Road, Box 294 A

Date July 30, 1984

No.

Shipped to P.C.B. INC.OF MISSOURI

P.O. BOX 23793

84-1074/0837972

9	Rt. 22 Terre H	aute, Indiana 47802			K.C. MO	. 6414	1	
Te phon		812-299-9547 PICK UP:	Marathon MXXXXX Pet					
Your Order N P. P. J-2	1 0. 0084-01	Our Order No. CONTRACT	Salesman	TOM LARGE				FOLD
Date hipped		Shipped Via MORRIS TRUCKING	F.O.B. ROB.		Terms [OUE UP	ON RECEIF	
Quantity O ared	Quantity Shipped	Stock Number/Des	scription		Price	Per	Amoun	t
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"PLEASE RETURN PINK COPY OF INVOICE WITH PAYMENT"

INVOICE

. .C.B. INC. OF MISSOURI

100 WYANDOTTE

P.O. BOX 23793

KANSAS CITY, MO.64108

KANSAS CITY, MISSOURI 64141

(816)221-3660

Sold To Advanced Waste Management Inc.

Harlan Road, Rt 22

Box 294 A

Terre Haute, Indiana 47802

Shipped to P.C.B. INC.OF MISSOURI

84-0670315/1076

Date July 30, 1984

No.

P.O. BOX 23793

K.C. MO. 64141

	r Order N J-200		PICK UP: Marathon Petroleu Our Order No. CONTRACT	Salesman TOM LARGE								
D 8	Shipped 20-84		Shipped Via MORRIS TRUCKING	F.O.B. ROB, ILL		Terms	DUI	DUE UPON RECEIPT				
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"PLEASE RETURN PINK COPY OF INVOICE WITH PAYMENT"

INVOICE



Question #5

ADVANCED WASTE MANAGEMENT, INC. HARLAN ROAD ROUTE 22 BOX 294A TERRE HAUTE, INDIANA 47802 812-299-9547

Digital Audio Disc Corp 1800 N. Fruitridge Ave Terre Haute, In 47804

J-30884-104

LUSTOMER'S ORDER	SALESMAN	ounts Payable TERMS	DATE SHIPPED	SHIPPED VIA	F.O.B.		DATE 11/	3/8
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DIGITAL	AUDIO	DISC	CORPORATION
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		TION REFOR								REMITTANCE ADV

Question #5 #1386 30384-01 Form Approved. OMB No. 2000-0404. Expires 7-31-86 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 1. Generator's US EPA ID No... 2. Page 1 Information in the shaded areas UNIFORM HAZARDOUS Document No. is not required by Federal law. WASTE MANIFEST 3. Generator's Name and Mailing Address
DIGITAL AUDIO DISC CORPORATION A. State Manifest Document Number TERRE HAUTE INDIANA 47804 1800 N. FRUITRIDSE AVE B. State Generator's ID US EPA ID Number Transporter 1 Company Name C. State Transporter's ID |/ND 016651127 MORRIS TRUCKING D. Transporter's Phone 及 Transporter 2 Company Name US EPA ID Number E. State Transporter's ID F. Transporter's Phone Designated Facility Name and Site Address US EPA ID Number G. State Facility's ID MOD980633044 PCB INC. I MISSOORI P.O. BOX 23793 H. Facility's Phone 816-221-3660 ANSAS CITY MO 12. Containers 14. Unit Wt/Vol 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) Waste No. Quantity No. Type RQ-10/4.54 POLY CHLORINATED BI PLENYL / ORME E I TRANSFORMER-SERIAL NO 0 8-18133-1 833 KVA &'X 4/3"x 66" RQ = 10/4.54 POLY CHLORINATED BIPLETYL /ORME UN 2315 C. 1-TBANS FORMER SERIAL # 4-18/33-3 833 KVA 96"X 51" X 66" UN 2712 180Ô d. J. Additional Descriptions for Materials Listed Above K. Handling Codes for Wastes Listed Above 15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

Date Printed/Typed Name Month Day Year BLACKBURN B4 HENN W. 17. Transporter 1 Acknowledgement of Receipt of Materials Date Signature Printed/Typed Name Month Day Year MICAALL 75 82 18. Transporter 2 Acknowledgement of Receipt of Materials Date ORTER Day Printed/Typed Name Signature Month Year 19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Month Day Year

Question#5

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STATEMENT

MORRIS TRUCKING CORP.

3201 CANAL RD. P.O. BOX 2042 TERRE HAUTE, IN 47802 812-232-1984

		Dateh	m 38 1984
Name	advance Wante Manager	us.t	
Address			
City	Terre Haute, In 478	F0 =	
DATE	DESCRIPTION	TICKET NO.	WEIGHT TOTAL
10-29	Tene Haute In to Kenses City Mo	2940	138/00
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PURCHASE ORDEF

Digital Au
1800 N. Fruitrid

Digital Audio Disc Corporation

1800 N. Fruitridge Ave., Terre Haute, IN 47804

Acknowledgment copy of this order must be returned immediately, advising that delivery will be made as specified.

			_
No	. 2	26	()

Date

October 25, 1984

This order number must appear a invoice and on each package

Impo	tant all invoices must be rendered in duplicate to Accounts Payable Dept.			PAGE	OF
То	<u></u>	\neg	Ship (SAME AS ABOVE EXCEPT AS SHOWN BELOW)	•	
	Advanced Waste Management, Inc.	•			

Advanced Waste Management, Inc. Harlan Road, Route 22, Box 294A Terre Haute, Indiana 47802

VENDO	TRMING ORDI	REQUIS	X YES TO	REQUISITIONER	E. Johnson,		CAP AUTH./PROJECT CODE	SUBJECT TO 11	NDIANA SALES/US
		26	651	Blackbur	n09			TAX: 🔼 YE	s No
HIP VIA			10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F.O.B.		DELIVERY DAT	E REQUIRED:	TERMS	
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ITEM	QUANTITY	U/M	DADC PART	NO.	DESC	RIPTION		UNIT PRICE	- EXT. PRICE
1	1 -	Lot	General Factory	of two	833KVA Tra	ansformer tations o	eansport and disposes per the procedure of September 17, 19	es	11,486.00
2	2	Ea.		Woode	n Catch Bas:	ins with	Sealed Joints	200.00	400.00
				on al destr withing and r	l materials uction. Then three (3)	and a ce is order days of	th a return manifer ertificate of must be acknowledge receipt by executing eiate copy of this	ed	

INVOICE MUST SHOW LABOR AND MATERIAL SEPARATELY.

TOTAL ORDER DOLLAR VALUE \$11,886.00

Special notice to seller
It is understood that, in accepting this order you, (the seller) agree not only to
the terms and conditions set forth on the face hereof, but also to the terms and
conditions printed on the reverse side hereof and any supplement terms and
conditions attached hereto which are hereby made a part of this order.

Seller's acceptance of this order not valid until ac vieldgment copy is signed and returned to buyer.

Digital Audio Disc Corporation

lan M. Ater

ALLER POML

TRANSFORMERS TO BE DISPOSED AS HAZARDOUS

	666my/	269
Serial No.	G-18133-3	G-18133-1
Height	8 '	8 '
Width	4' 3"	4' 3"
Length	5' 6"	5' 6"
Manufacturer	Sola Basic Ind.	Sola Basic Ind.
Total Weight	6845 Lbs.	6845 Lbs.
Gallons Liquid	240	240
Weight of Liquid	1800 Lbs.	1800 Lbs.
KVA	833	833

TRANSPINEN KAISAS 6, 780.00

2000-230 FFW-7

En meson Penn

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8080, 8080, 400, 16160 1050 1741

Question #5

AWM

ADVANCED WASTE MANAGEMENT, INC.

Harlan Road Route 22 Box 294A ● Terre Haute, Indiana 47802 ● 812-299-9547 September 17, 1984

Mr. Glen Blackburn D.A.D.C. 1800 North Fruitridge Terre Haute, IN 47802

Dear Mr. Blackburn:

As promised and as you requested, we are providing a firm quotation for the proper and safe pickup, transportation and disposal of your two 833KVA transformers.

Quotation:

Advanced Waste Management, Inc. will pickup transport and dispose of the two 833 KVA transformers SN:G18133-3 and G-18133-1 at our contract facility P.C.B. INC of Missouri. There the liquids will be removed and subsequently incinerated. The carcus will be landfilled. The cost of pickup (including the use of a heavy duty "high-lift"), transportation and disposal shall be \$17,610.00.

Each transformer must be prepared for shipment in the following manner (1) A wooden catch basin must be built around each transformer. All joints must be sealed and with sides a minimum of 8 inches high.

(2) The entire unit must be shrowded in plastic.

The standard procedure of two hours free loading, with \$30.00 per hour demurrage thereafter shall apply.

This proposal is in complete compliance with all state, federal, and local regulatory agencies.

If you have any questions please write or call. Thanks again for the opportunity to quote our services.

Sincerely,

ADVANCED WASTE MANAGEMENT INC

Michael E. Johnson, P.E.

Question #5

AWM

ADVANCED WASTE MANAGEMENT, INC.

Harlan Road Route 22 Box 294A ● Terre Haute, Indiana 47802 ● 812-299-9547 September 19, 1984

Mr. Allen Ater Purchasing Agent D.A.D.C. 1800 North Fruitridge Terre Haute, In. 47802

Dear Mr. Ater:

As a follow up to our discussion earlier today, I am providing a revised quotation for the proper and safe pick up, transportation & disposal of your two 833 KVA transformers.

Quotation:

Advanced Waste Management, Inc. will pickup, transport and dispose of the two 833 KVA transformers SN:G18133-1 and SN: G18133-3 at our contract facility P.C.B. INC of Missouri. There the liquids will be removed and subsequently incinerated. The carcus will be landfilled. The cost of pickup (including the use of a heavy duty "high-lift"), transportation and disposal shall be \$11,486. This significant reduction in disposal costs over our proposal of September 17, 1984 reflects the new data obtained on the actual PCB content of each transformer SN: G18133-1 269 mg/l as arochlor 1260, and SN G18133-3 666 mg/l as arochlor 1260; please see attached laboratory report.

Each transformer must be prepared for shipment in the following manner

- (1) A wooden catch basin must be built around each transformer. All joints must be sealed and with sides a minimum of 8 inches high.
- (2) The entire unit must be shrowded in plastic. AWM can provide the wooden catch basins at a cost of \$200 each. The standard procedure of two hours free loading, with \$30.00 per hour demurrage thereafter shall apply.

This proposal is in complete compliance with all state, federal, and local regulatory agencies.

If you have any questions please write or call. Thanks again for the opportunity to quote our services.

Sincerely,

ADVANCED WASTE MANAGEMENT INC

Michael V. Johnson, P.E.

Manager

MEJ:az

KOJ.\ Laboratories, Inc.

October 17, 1984 LIR 14462

> Advanced Waste Management Route #22 Box 294-A Terre Haute, Indiana 47802

ATTN: Michael Johnson

RE: Examination of transformer oil samples

PURPOSE: Determine if polychlorinated biphenyl's (PCB's) are present in the sample(s) and quantitate any arochlors indicated to be present.

DESCRIPTION OF SAMPLE(S): Two (2) samples were received October 12, 1984 and subsequently designated as LTR 14462.

PROCEDURE: The procedure used for the examination was published, in darft form, as The Analysis of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils, Environmental Monitoring and Support Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268, June 24, 1980 and in final form as The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils, EPA-600/4-81-045.

This method provided for the gas chromatograph with electron capture detector quantitation of PCB arochlors: A1016, A1221, A1232, A1242, A1248, A1254, A1260, A1262 and A1268.

RESULTS: The results of the analyses are presented in the following table:

	LTI	R Number	Your	ID	Α	rochlor	Present	2 . 20 . A	Concen	trat	ion
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2			g181	33-1		A1260			269	mg/l	
		-2		84-95-							
T II			g181	33-3		A1260			666	mg/L	34

Submitted by O & Laboratories, Inc.

William E. Oatess Laboratory Director

SKS:mlw

Steven K. Smock Analyst

A	
Laboratori Analytical Laborat	
1437 SADLIER CIRCLE W	DR. (317) 353-9721
Customer Purchase Order No	LTR <u>14462</u>
Services Requested By:	Extra Copies or Invoice To:
Name A W M	
Company Marie Waste MANAGEMENT, INC. HARLAN ROAD ROUTE 22 BOX 294A	
Street AddressAUTE, INDIANA 47802 812-299-9547	
City State Zip	
Phone	
SAMPLE DESCRIPTION: TRANS	7 18133-1 269 mg/c 4 18133-3 \ 666 mg/c
101284-75-6	4 18/33-3 \666 may
	1/2
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Z# notessud

'.C.B. INC. OF MISSOURI

INVOICE

100 WYANDOTTE

P.O. BOX 23793

KANSAS CITY, MO. 64108

KANSAS CITY, MISSOURI 64141

(816)221-3660

Advance Waste Management Sold To_

- Box 291 A

Terre Haute, IND 47802

No. 84-1386/30384-01

Date October 31, 1984

Shipped to P.C.B. INC.OF MISSOURI

P.O. BOX 23793

K.C. MO. 64141

Your Order I	No.	Our Order No. CONTRACT	salesman TOM LAI	RGE				
e Shippe 10-29-	a 84	Shipped Via MORRIS TRUCKING	Terms	DUE UP	ON I	RECEIP	— '' 'T	
Quantity)rdered	Quantity Shipped	Stock Number/Description	Price	Per	Amount			
2 TRANS	2 TRANS	P.C.B. CONTAMINATED TRANSFORMERS	13,69D lbs			\$	5,886	00
			TOTAL DUE			\$	5,886	00
		ALL ACCOUNTS ARE DUE AND PAYABLE	IING					
		DATE OF INVOICE. A FINANCE CHARG	Н				_	
		WHICH IS AN ANNUAL PERCENTAGE RAT	TE OF 18% WILL BE	CHARGED				
		ON ALL PAST DUE ACCOUNTS.						
		•		NO	13198	Δ		
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"PLEASE RETURN PINK COPY OF INVOICE WITH PAYMENT"

EPA ID MOD#980633044

P.C.B., INC. OF MISSOURI



Certificate of Destruction

P.C.	B., Inc.	Of Misso	uri has	destroyed wa	aste receiv-
ed fr	om <u>Dig</u>	Ital Audio Disc	: Corporati	on	
as id	entified	in hazard	ous Wa	aste Manifest	# 30384-01/1386
and	hereby	certifies	such	destruction	as of this
	4th	_day of _	February	198,5	
	-	udio Disc Corp n Fruitridge Av		By General Manage	r Mariana

Terre Haute, Indiana 47804

Question #5

SUPPORTING DOCUMENTS FOR QUESTION #5

1985

J-08785-172 Question#5

ADVANCED WASTE MANAGEMENT, INC. HARLAN ROAD ROUTE 22 BOX 294A TERRE HAUTE, INDIANA 47802 812-299-9547

Fedders USA 415 Wabash Ave. Effingham, Illinois 62401 Attn: Accounts Payable

TOMER'S ORDER	SALESMAN	TERMS	F.O.B.	DATE				
	10	NET 30	3/26/85	Morris Trucking	Kansas	City	3/27/85	· -
			ion & Disposa waste PCB Cap					
	Total We	eight 29,112	lbs.		\$0.54	/1ъ	\$15,720	.48
		Tota.	1				\$15,720	. 48
		;						

DATE 05-23-85

FEDBERS CORP. EFFINGHAM. [LLINUIS 62401 VOUCHER NO. E-047773.0

ORDERED FROM A1465 SAME

PAID TO A1465 ADVANCED WASTE MANAGEMENT INC. BOX 294A HARLAN ROAD ROUTE 22

TERRE HAUTE IN --47802-

REFERENCE J08785172	DATE 03-27-85	s	GROSS AMOUNT 15.720.48	Σ	SCOUNT	\$ NET AMOUNT 15,720.48	
 	TUTAL	\$	15,720.48	\$	•00	15,720,48	

7	AND THE RESERVE TO STATE OF THE		INGFIELD, ILLINOIS 6270	. (2.77,142,676.	204	LPC 62 8/81 -	-
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A	UNIFORM HAZARDOUS WASTE MANIFEST	1	5260668	Document No.	l of l	required by Federal la	
	3. Generator's Name and Mailing Address	1.200.	320000			by Illinois law.	bec
	FEDDERS U.S.A.	BFFIN	GHAM, IL	1 - 3			
	415 WABASH AVE				B. Barois:		
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	5. Transporter 1 Company Name	6	US EPA ID I	Number	C. Wrights Kelen	COURTS THE PARTY OF	
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	7. Transporter 2 Company Name	- 1 * 1 8	US EPA ID I	Number	Ellipse Trap		
	O Decimated Facility Many and City Address		0. US FPA ID I	N	14年 中小人		
	9. Designated Facility Name and Site Address P.C. E. W. C. OF M.	11550421	0. US EPA ID I	ALTROOP		ببغنيهم والدرا عضوا	-
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		TO THE STATE OF		14/1/2			
	16. GENERATOR'S CERTIFICATION: I her	ehy declare that the	e contents of this con-	ionment are fully	and accurately	described	
$\ \cdot\ $	above by proper shipping name and are	classified, packed,	, marked, and labeled,	and are in all res	spects in prope	r condition.	
11	for transport by highway according to a	bblicable internation	hal and national govern	imental regulation	ns, and Illimois	egulations.	Dai
	Printed/Typed Name	· STREET TREET IN	Signature 1. 1	00	Later rema	or Mor	ith Da
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+	To be 19 The State of the State	The production of the producti	de la martinación y de Sameria de la casa de Casa de Lancia.				

TRIBUTION: PART - 1 GENERATOR PART - 2 IEPA

PART - 3 FACILITY

OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

PART - 6 GENERATOR

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STATEMENT

MORRIS TRUCKING CORP.

3201 CANAL ROAD P.O. BOX 2042 TERRE HAUTE, IN 47802 812-232-1984

			Date GPR	11 2 19 85
	Name	Advance haste Managem	ent	
	Address			
	City	Terre Haute, In 47	802	
	DATE	DESCRIPTION	TICKET NO.	WEIGHT TOTAL
<u></u>	3-25	Effingham Itto Konsas City Mc	3632	sh 826 00
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INVOICE

0010 /2045

No.

Date



∠100 Wyandotte • Kansas City, MO 64108 • (816) 471-0684 • 1-800-558-0128

"PLEASE RETURN PINK COPY OF INVOICE WITH PAYMENT"

ے sid To	Advance	Waste		Shipped to	ril 25 <u>EN</u>			Ε	
	Box 294	Α		•	2100) Wy	ando	tte	
1	Terre Ha	aute, Indiana 47802		•	Kansas	City	/, MC	64108	
elephon	e No.	217-342-3901 PICK UP: Fedder	s USA	_					
Your Order !	Yo.	Our Order No. CONTRACT	Salesman TOM	LARGE				7.7	
e Shippe 3-25		Shipped Via MORR LS	F.O.B. FFFINGH		Terms	DU	E UP	ON RECEIP	T
Quantity Ordered	Quantity Shipped	Stock Number/Descrip	tion		Price	. '	Per	Amount	t
58 DRMS	58 DRMS	P.C.B. CONTAMINATED CAPACITORS	29	.564 lbs \$	120	00	dr_	\$ 6,960	0.0
			TOTAL	_ DUE				\$ 6,960	00
		ALL ACCOUNTS ARE DUE AND PAYABLE	F IN TEN DAY	/S	 				
		FOLLOWING DATE OF INVOICE. A F					1		
		1½% PER MONTH WHICH IS AN ANNUAI				10	&	106	
		OF 18% WILL BE CHARGED ON ALL PA	AST DUE ACCO	OUNTS.		1	4	5/0/	ļ.,
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INVOICE NO.





ADVANCED WASTE MANAGEMENT, INC. HARLAN ROAD ROUTE 22 BOX 294A TERRE HAUTE, INDIANA 47802 817-299-3547

S C L D * Fedders USA 415 Wabash Avenue Effingham, Illinois 62401

Attn: Accounts Payable

STOMER'S ORDER	SALESMAN 10	net 30	2/05/85	SHIPPED VIA Morris Trucking	F.O.B. Kansas	MC City	2/08/85
	69 les Man	55gal drums o s then 3 lbs ifest IL12294	each) Total	sposal of Capacitors(small- weight 28,560 lbs.	\$ 0.5	4 1b.	\$ 15,422 \$ 570
			Tota	al	P		\$ 15,99 2

POLT PAK (50 SETS) 7P730

leas	ise print or type. (Form designed for use on el	ite (12-pitch) typewriter.)	: EPA Form 8700-2			SLEW#5 n Approved. OM)404. Expres
A	UNIFORM HAZARDOUS WASTE MANK EST	1. Generator's US EPA ID	No.	Manifest cument No.	2. Pag	requir	nation in the s ed by Federa nois law.	
	3. Generator's Name and Mailing Address	EFFINSHAM	**************************************		AJIlino	is Manifest D	octiment N	umber
	FEDDERS USA 415 WABASH AUE	- I-I-I-Josephia	6240	1	Bullimo	1.2	<u> 47</u> 7:	00
	4. Generator's Phone (2 /7) 34	2-3901				reform O	1902	550
	5. Transporter 1 Company Name	THE RESERVE AND ADDRESS OF THE PARTY OF THE	US EPA ID Numbe	27	C and	Tarporter		_/_2
-	MDRRIS TRUCKING. 7. Transporter 2 Company Name	LOKE 18.	US EPA ID Number		580	Transporte	9€-9 Tran 'a•10	sporter s r
1.							Trans	sporter's Pf
	9. Designated Facility: Name and Sité Addre	and the same of th	US EPA ID Number	7 .	F			1
	2100 WYAN DOTTE	74(0	06.330.4	Ц		Phore.		
	KANSAS C/TY MD 11. US DOT Description #hcluding Proper	67108 110		, , , , , , , , , , , , , , , , , , , 	inors	13.	4563	
1	HM Description witchaing Proper	Snipping Name, Hazard Clas	s, and 10 Number)	No.	Type	Total Quantity	Unit Wt/Vol	Waste N
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	15. Special Handling Instructions and Additio	nal Information					(3)	
	MR. VANHORD							
	1 (a. 1689)	•						
	The second section is a second se	4.1						
1	 GENERATOR'S CERTIFICATION: I her above by proper shipping name and are 							· · · · · · · · · · · · · · · · · · ·
	for transport by highway according to a	oplicable international and nat	ional governmental	regulation	s, and I	llinois regulati	ons.	Date
-	rinted/Typed Name	Sjør	aptire	1)/_	7 ,	Me	onth Day
	LENALD (100	RIZZI V	Marc		Yan	m		خلخا
-	7. Transporter 1 Acknowledgement of Rec Printed/Typed Name	···	nature , ,	//	,		Mo	Date onth Day
Ч.	Denais Danch		and &	/a		-	[215
<u> </u>	8. Transporter 2 Acknowledgement or Reco							Date
18		• Sign	ature		<u> </u>		y Mo	onth Day
12								
	19. Discrepancy Indication Space	26 - 26 - 26 - 27 - 27 - 27 - 27 - 27 - 27 - 27					· ·	
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1	19. Discrepancy Indication Space			· · · · · · · · · · · · · · · · · · ·			त रिकट्टा १९१५ १९	7 ·
1	SN STALL SELECTION		iterials covered by	this man	fest ex	cept as note		1 (c)
1	19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification	of receipt of thazardous me	iterials covered by	this man	fest ex		Mo	Date
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1 2	20. Facility Owner or Operator: Certification Item 19. Phinted/Typed Name	of receipt of thezardous me Sign HOUR EMERGENCY AND SPIL		BERS' O	. <i></i>		Mc Mc 424-8802 o	onth Day

THIS SHIPPING ORDER must be legibly filled in, in lock, in Indelible Pencil or in Carbon, and retained by the agent.

PECELYE, subject to the classifications and tariffs in effect on the date of the issue of this Shipping Order,

Question #5

om FEDDERS CORPORATION SHIPPER'S NO. 4 12 4 CUST. ORD. NO. CUST. ORD. DATE AGENT'S NO. MORRIS TRUCKING 13779 DATE SHIPPED CAR OR TRUCK NO PCB INC. OF MISSOURI 2-05-85 CONSIGNED 2100 WYAN DOTTE SEAL HUMBER(S) TO PARSASY OF TRANSPORT 64108 KANSAS CITY, MO ROUTING IF CHARGES ARE TO BE PREPAID, WRITE OR STAMP DEL. CARRIER TO BE PREPAID NO. .WEIGHT CK. KIND OF PACKAGE, DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS CLASS OR RATE (SUB. TO COR) PKGS 69 PCB CAPACITORS 28.560 Drume Waste polychlorinated biphenyls ORME/UN2315 PCB capacitors Small Less than 3 lbs pcb ٠. 1111 ct to Section 7 of Conditions plicable bill of lading, if this sent is to be delivered to the signee without recourse on consigner, the consigner shall the following statement. "Shipper's imprint in lieu of stemp; not a part of bill of leding approved by the later-state Commerce Commission." AGENT OR CASHIER Received 5 per This Shipment is correctly don CORRECT WEIGHT IS Charges carrier shall not make de-of this shipment without ent of freight and all other Shipper Fedders Corporation advanced \$ 19 the shipment moves between two parts by a carrier by water, the law requires that the bill-of lading shall state whether it is "carrier's or shipper's weight." Note - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding, Fedders Corporation NATURE OF CONSIGNOR) PERMANENT POST-OFFICE ADDRESS OF SHIPPER Agent must detach and retain this Shipping

FE DERS CORPORATION, Shipper

EFFINGHAM, ILL

والمحكاد وجهر

Order and must sign the Original Bill of Lading

FQ.... | #E-286

LODESTONE CORP. Question #5

415 WABASH AVENUE

EFFINGHAM, ILL. 62401

S KAN S KAN FORM FE 2704 CUSTOMER'S ORDER 69			" UNLESS OTHER			DATE SHIPPED	2-05-85	INV. DAT	<u> </u>
GUSTOMER'S ORDER	INC. OF 0 WYAN D	OTTE SOURCE				CARRIER MOR	RIS TRUC epaid	KING	
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STATEMENT

MORRIS TRUCKING CORP.

3201 CANAL RD. P.O. BOX 2042 TERRE HAUTE, IN 47802 812-232-1984

		Date Fet	- 11	19 <u>_</u> 8	<u>5</u>
Name	Huance Waste Managem	enT.			_
Address			·		
City	Terne Heute, In 4780	2			
DATE	DESCRIPTION	TICKET NO.	WEIGHT	TOTAL	_ =
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-5_	Effery her It is Kenner City Me	3447/	ok	8260	<u>'0</u>
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F.C.B. INC. OF MISSOURI

INVOICE

2100 W	YANDOTTE	P.O. BOX 23793
K*NSAS	CITY,MO.64108 (816)	KANSAS CITY, MISSOURI 64141 221-3660
Sold To_	Advanced Waste N	1gt.
. –	Box 294 A	
_	Terre Haute, Inc	liana 47802

No. 85-1849

Date February 12, 1985

Shipped to P.C.B. INC.OF MISSOURI

P.O. BOX 23793

K.C. MO. 64141

	r Order i		7-342-3901 PICK UP: Fe Our Order No. CONTRACT	Salesman TOM LARGE	·					FOI
Da	a Shipped 2-5-85		Shipped Via					JE UPON RECEIPT		
	dered Quantity Shipped			Stock Number/Description				Per	Per Amount	
<u>6</u> °	DRMS	69 DRMS	P.C.B. CONTAMINATED CAPACITORS	28.457 lbs.	Ś	120	00	dr.	\$ 8,280	00
				TOTAL DUE					\$ 8,280	00
			ALL ACCOUNTS ARE DUE AND PAYA					7	\	+-
_			FOLLOWING DATE OF INVOICE. A OF 13% PER MONTH WHICH IS AN				(1
_			RATE OF 18% WILL BE CHARGED O	N ALL PAST DUF ACCOUN	ĽS_			1	2	4
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"">LEASE RETURN PINK COPY OF INVOICE WITH PAYMENT"

INVOICE

PRESS HARD — YOU ARE WRITING THRU 6 COPIES

Question #5

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

L532-0610

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1	15. Special Handling Instructions and Addition	nal Information					+		
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PART SEPA

MART - 6 CONFRATOR

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FROM:

L. Crawford

TO: T. Brown

DATE:

February 1, 1985

SUBJECT:

HAZARDOUS WASTE DISPOSAL - PCB CAPACITORS

Attached are three purchase requisitions for disposal of P.C.B. contaminated capacitors. The individual break down on requisitions is as follows:

A - \$6,265.00 - over run on F266 #84-936 thru #84-972

The cost estimate for the original order for \$10,800.00 was based on a weighted average of a sampling taken from a list of 407 different part numbers ranging from .5 lbs. to 6 lbs. This indicated a 2.2 lb average for 9000 capacitors. This estimate was erroneous as the actual average weight is 3.5 lbs.

- B \$2,600.00 Additional capacitors in warehouse
 (See attached F266 #1129)
 80 part numbers totaling 1274 capacitors @
 3.5 lbs. average weight each = 4,459 lbs.
 (See back-up detail for cost break down)
- C \$9,868.00 Additional capacitors in main plant storage (See attached F266 #1130) 70 part numbers totaling 5,221 capacitors @ 3.5 lbs. average weight = 18,273 lbs. (See back-up detail for cost break down)

L. Crawford

I. With



INTER-OFFICE CORRESPONDENCE

FEDDERS-USA AIR CONDITIONING DIVISION

3

FROM:

P. T. McKittrick

TO: D. Parker

cc: C. Anzalone

R. Tyler

T. Brodine

J. Witte

J.

\$48,000

DATE:

August 9, 1984

SUBJECT: INVENTORY DISPOSITION AUTHORIZATIONS FOR CAPACITOR DECK (LODESTONE INVENTORY)

Engineering has reviewed the items covered by F266 forms and find all to be PCB type capacitors. It is my belief that we are prohibited from using these in production or selling them to parts houses.

There are many low voltage, dual capacitors which have no use on currently designed compressors. In addition, samples of several items show terminals have started to rust and therefore, could not be used.

I have signed the F266 based on above items.

Note, disposition of these items must be in accordance with E.P.A. requirements.

PTM: mje

P. T. McKittrick

400 PP12T #



Question #5 51.6 - 3675 - 3679 WIRNER CLONINOL CAPACITORS FUSED 55-440 AC 2-11P2953 THRUND } Purs. 41 w B" Day 83 6330146 6 LBS SPRASUE ELECT CO SDb. Jy Pen Cutel NONT ADAMS MASS (01247) ED.C. SEISSUN UPOf MT X 413-664-44/1 MONSANTO [MSDS 694-1000 PR. J. H. Chaldrik

TO Price DELIVERY DATE 12-12-84	158 HIGHWAY PEAPACK, NJ RETREAT RO. WALKERSVIL 415 WABASH EFFINGHAM, Adavanced Marlan Ro. Terre Haur e shall be the price of ERMS Net 30 UNIT OF MEASURE ea. Lab. appri	Waste Managemerad, Route 22, Both In this order or the price present the price prese	ont I c. 20x294A 47802 evailing at time of delive DESCRIPTION on & materials 0,000 PCB capa	IMPORTANT READ ALL INSTRUCTIONS, TERMS AND CONDITIONS ON FACE AND REVERSE SIDE. ONLY SUCH INSTRUCTIONS, TERMS AND CONDITIONS SHALL CONSTITUTE THE PARTIES. ry, whichever is lower. F.O.B to dispose of citors per	Subject with our Expiration Effingham 1 Michigan F	SALES US CLIES able) EXEMPTION 133-215 94-221-17.2 PURCHA FREIGHT A	No accordance eleases - Oct. 31, 19
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P.O. DA	TE	REQUISITION	INO. REQUE	STED BY	ACCOUNT NO.	DELIVER TO (DEPARTMENT)	RE	CEIVING	INVOICE APPROVAL	
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	show Buyer's P.O. number and part number. THIS ORDER IS NOT VALID UNLESS THE ATTACHED ACKNOWLEDGMENT									
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_	carton or mail. 4. CONTAINER MARKING - Mark quantity per container, date of shipment, Buyer's part number and CHASE ORDER DATE. BUYER IN MAKING THIS OFFER EXPRESSLY LIMITS ACCEPTANCE TO THE IN-									
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P.O. DA		REQUISITION N	1	ESTED BY	i ACCOUNT NO.	DELIVER TO (DEPARTMEN		RECEIVING	INVOICE APPROVAL REQUIRED
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ITEM	QUANTITY	UNIT OF MEASURE			DESCRIPTION		QTY. PE	NTAINER R TYPE	PRICE
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2.	30	ea.	17H ful	1 openhead	drums		-	:	19.00/ea.
						Total			\$10,438.00/10
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1. PURCHASE ORDER ACKNOWLEDGMENT - Send to Purchasing Department. 2. INVOICES - Mail in duplicate on day of shipment to Accounts Payable Dept., at Ship to Address unless otherwise indicated above, with original Bill of Lading or Express Receipt. Invoices must show Buyer's P.O. number and part number. 3. PACKING SLIP - Attach to duplicate copy of Bill of Lading or Express Receipt. Do Not place in Carton or mail. 4. CONTAINER MARKING - Mark quantity per container, date of shipment, Buyer's part number and P.O. number on each container. 5. EXCESS OR EARLY RECEIPT - Material received in excess of or ahead of schedule will be returned at Seller's expense. 6. SUBSTITUTIONS OR DEVIATIONS - from material ordered may be authorized only by a P.O. THIS ORDER IS NOT VALID THE ATTACHED ACKNOWLE AND PROPOSED BY SELLER, WAS CHASE ORDER AND AND TEN CONDITIONS CONTAINED PURCHASE ORDER, AND AND TEN CONDITIONS CONTAINED PURCHASE ORDER, AND AND TEN CONDITION OR DEVIATIONS - from material ordered may be authorized only by a P.O. THIS ORDER IS NOT VALID THE PURCHASE ORDER AND AND TEN CONDITIONS OR DEVIATIONS - from material ordered may be authorized only by a P.O. THE PURCHASE ORDER AND AND TEN CONDITIONS -								CRS USA DIVALID UNLESS KNOWLEDGMENT D AND RETURNED FTER ABOVE PUR- DATE. BUYER IN FER EXPRESSLY NCE TO THE IN- ND TERMS AND NTAINED ON THE SSE SIDE OF THIS FR, AND ANY ADD- FFERENT TERMS SELLER ARE RE- EXPRESSLY AS- RITING BY BUYER. DIVALID UNLESS E PURCHASING			
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EPA ID MOD#980633044

P.C.B., INC. OF MISSOURI



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Question #5

EPA ID MOD#980633044

P.C.B., INC. OF MISSOURI



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Question #

Monsanto

Monsanto Company 800 N. Lindbergh Boulevard St. Louis, Missouri 63167 Phone: (314) 694-1000

February 4, 1985

Mr. Michael E. Johnson Advanced Waste Management, Inc. Harlan Road Route 22 Box 294A Terre Haute, IN 47802

Dear Mr. Johnson:

In response to your recent request, I am enclosing a copy of a generic Material Safety Data Sheet (MSDS) for polychlorinated biphenyl (PCB) compounds. This MSDS is intended to provide general information about PCBs and does not relate to any specific formulations.

I hope this document will provide the information regarding PCBs of interest to you.

Sincerely,

John H. Craddock
Product and Environmental

John H. Craddock/akz

Safety Director

/dkr Enclosure

80-010a

Monsanto MATERIAL SAFETY DATA



NOTE:

NO REPRESENTATION IS MADE AS TO THE ACCURACY OF THE INFORMATION AND RECOMMENDATIONS HEREIN. SEE PAGE 4 FOR CONDITIONS UNDER WHICH DATA ARE FURNISHED.

MONSANTO PRODUCT NAME

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POLYCHLORINATED BIPHENYLS-PCB's*

*See page 4 for definition and notes

MONSANTO COMPANY 800 N. LINDBERGH BLVD. ST. LOUIS, MO. 63166 EMERGENCY PHONE NO. (CALL COLLECT) (314) 694-1000

PRODUCT IDENTIFICATION

Synonyms

Trade Names (Commonly used Monsanto products)

PCB's

Askarel**

Chlorodiphenyl (__% Cl)

Aroclor®1 Series 1016, 1221, 1232, 1242, 1248, 1254, 1260

Chlorinated biphenyl Polychlorinated biphenyl Chlorinated biphenyls

Pyranol®2 Series Inerteen®3 Series

(approx. __% CI)

Therminol®1 FR Series

*See page 4 for notes

CAS No. 001336363, 053469219, 021672296, 01109769, 011096825 and others

WARNING STATEMENTS

Federal regulations under the Toxic Substances Control Act require PCB's and PCB items to be marked. (Check regulations for details.*)







Monsanto MATERIAL SAFETY DATA

EMERGENCY AND FIRST AID PROCEDURES

Ingestion—Consult a physician. Do not induce vomiting or give any oily laxatives. NOTE TO PHYSICIAN—If large amounts ingested, gastric lavage is suggested.

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Skin—If liquid or solid PCB's are splashed or spilled on skin, contaminated clothing should be removed and the skin washed thoroughly with soap and water.

NOTE TO PHYSICIAN—Hot PCB's may cause thermal burns.

Eyes—Eyes should be irrigated immediately with copious quantities of running water for at least 15 minutes if liquid or solid PCB's get into them. A petrolatum-based ophthalmic ointment may be applied to the eye to relieve the irritating effects of PCB's.

Inhalation—Remove to fresh air. If skin rash or respiratory irritation persists, consult a physician. NOTE TO PHYSICIAN—If electrical equipment arcs over, PCB's or other chlorinated hydrocarbon dielectric fluids may decompose to produce HCl, hydrochloric acid, a respiratory irritant.

OCCUPATIONAL CONTROL PROCEDURES

Inhalation—Workplace exposure should be maintainted below the OSHA eight-hour, time-weighted average Threshold Limit Value (TLV). At room temperatures, the hazard of inhalation is considered slight or absent. Chemical cartridge respirators or gas masks approved for protection against organic vapors are recommended in the event of spills or leaks of hot fluids. These will provide good protection up to the concentrations shown on the approval labels and the odor will give ample warning if it comes through the device. Self-contained breathing apparatus should be worn when PCB's are encountered in an enclosed space.

Threshold Limit Value (TLV)—Chlorodiphenyl (42% chlorine) 1.0 mg/cu.m. Chlorodiphenyl (54% chlorine) 0.5 mg/cu.m.

Skin Contact—Avoid prolonged or repeated skin contact. Where employees may come into direct contact with PCB's, protective clothing impervious to PCB's should be worn. Gloves, boots, overshoes and bib-type aprons that cover the boot tops should be used when necessary. This protective equipment should be regularly inspected for defects and to ensure that it is in clean and satisfactory working condition. Contaminated clothing, gloves, etc., should be disposed of as prescribed by regulations.

Eye Contact—Eye protection should be used where there is a possibility of liquid splashes.

Ingestion—Ingestion of these materials is generally not a problem in industry.

PHYSIOLOGICAL EFFECTS SUMMARY:

<u>Skin Contact</u>—Can be absorbed through intact skin. Local action on skin is similar to that of common organic solvents where contact leads to removal of natural fats and oils with subsequent drying and cracking of the skin. A potential exists for the contracting of chloracne.

Eye Contact—The liquid products and their vapors are moderately irritating to eye tissues.

Ingestion—The acute oral toxicities of the undiluted compounds are: LD₅₀ rats—8.65 gm/kg for 42% chlorinated, and 11.9 gm/kg for 54% chlorinated—"slightly toxic."

<u>Inhalation</u>—Animal experiments of varying duration and at different air concentrations show that for similar exposure conditions, the 54% chlorinated material produces more liver injury than the 42% chlorinated material.

Other—There are literature reports that PCB's can impair reproduction function in monkeys. A study reported in the literature with female rats using Aroclor® 1260 stated that Aroclor 1260 caused liver cancers. Monsanto sponsored animal feeding studies of Aroclor 1242, 1254 and 1260. These compounds, fed to both sexes of rats, did not produce cancers. The National Cancer Institute performed a study in 1977 using Aroclor 1254 with both sexes of rats. NCI stated that the PCB, Aroclor 1254 was not carcinogenic under the conditions of their bioassay.

The consistent finding in animal studies with PCB's is that they produce liver injury following prolonged and repeated exposure by any route, if the exposure is of sufficient degree and duration. Liver injury is produced first, and by exposures that are less than that alleged to cause cancer in rodents. Therefore, exposure by all routes should be kept sufficiently low to prevent liver injury.

FIRE PROTECTION INFORMATION

Fire and Explosion—Chlorodiphenyls are essentially non-combustible compounds. They may decompose to form CO, CO₂, HCl, phenolics and aldehydes under severe conditions such as exposure to flame or hot surfaces. No phosgene is formed.

Standard fire fighting wearing apparel and self-contained breathing apparatus should be worn when fighting fires that involve possible exposure to chlorodiphenyls. Fire fighting equipment must be thoroughly cleaned and decontaminated after use.

PHYSICAL DATA TABLE I—Properties of Selected Aroclors®											
Property	1016	1221	1232	1242	1248	1254	1260				
Color (APHA)		100	100	100	100	100	150				
Physical state	mobile oil	mobile oil	mobile oil	mobile oil	mobile oil	viscous liquid	sticky resin				
Stability	inert	inert	inert	inert	inert	inert	inert				
Density (lb/gal 25°C)	11.40	9.85	10.55	11.50	12.04	12.82	13.50				
Specific gravity x/15.5°C	1.36-1.37 x-25°	1.18-1.19 x-25°	1.27-1.28 x-25°	1.30-1.39 x-25°	1.40-1.41 x-65°	1.49-1.50 x-65°	1.55-1.56 x-90°				
Distillation range (°C)	323-356	275-320	290-325	325-366	340-375	365-390	385-420				
Acidity mg KOH/g, maximum		.014	.014	.015	.010	.010	.014				
Fire point (°C)	none to boiling point	176	238	none to boiling point	none to boiling point	none to boiling point	none to boiling point				
Viscosity (100°F)	71-81	38-41	44-51	82-92	185-240	1400-2500	-				

REACTIVITY DATA

PCB's are very stable, fire-resistant compounds.

SPILL, LEAK & DISPOSAL INFORMATION

If PCB's leak or are spilled, the following steps should be taken immediately:

All non-essential personnel should leave the leak or spill area.

The area should be adequately ventilated to prevent the accumulation of vapors.

The spill/leak should be contained. Loss to sewer systems, navigable waterways and streams should be prevented. Spills/leaks should be removed promptly by means of absorptive material, such as sawdust, vermiculite, dry sand, clay, dirt or other similar materials, or trapped and removed by pumping or other suitable means (traps, drip-pans, trays, etc.).

Personnel entering the spill or leak area should be furnished with appropriate personal protective equipment and clothing as needed.

Personnel trained in the emergency procedures and protected against the attendant hazards should shut off sources of PCB's, clean up spills, control and repair leaks and fight fires in PCB areas.

All wastes and residues containing PCB's (e.g., wiping cloths, absorbent material, used disposable protective gloves, clothing, etc.) should be collected, placed in proper containters, marked and disposed of in the manner prescribed by EPA regulations (40 CFR 761).

Various federal and state regulations may require reporting of PCB spills. Consult your attorney or appropriate regulatory officials for information relating to spill reporting.

🌓 🗶 🗣 Monsanto MATERIAL SAFETY DATA

NOTE:

ALTHOUGH THE INFORMATION AND RECOMMENDATIONS SET FORTH IN THIS SHEET ARE BELIEVED TO BE CORRECT AS OF THE DATE HEREOF, MONSANTC COMPANY MAKES NO REPRESENTATION AS TO THE COMPLETENESS OR ACCURACY OF SUCH INFORMATION AND RECOMMENDATIONS. MONSANTO COMPANY SHALL IN NO EVENT BE RESPONSIBLE FOR ANY DAMAGES OF WHATSOVER NATURE DIRECTLY OR INDIRECTLY RESULTING FROM THE PUBLICATION OR USE OF OR RELIANCE UPON SUCH INFORMATION AND RECOMMENDATIONS.

NO WARRANTY, EITHER EXPRESS OR IMPLIED, OR MERCHANTABILITY OR FITNESS OR OF ANY OTHER NATURE WITH RESPECT TO THE PRODUCT OR TO THE INFORMATION AND RECOMMENDATIONS HEREIN IS MADE HEREUNDER.

This form has been approved by the Occupational Safety and Health Administration as "equivalent to" OSHA Form 20.

*POLYCHLORINATED BIPHENYLS

For regulatory purposes, under the Toxic Substances Control Act the term "PCB's" refers to a chemical substance limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contain 50 ppm (on a dry weight basis) or greater of such substance (40 CFR 761).

Chemically, however, PCB's are defined as a series of technical mixtures, consisting of many isomers and compounds that vary from mobile oily liquids to white crystalline solids and hard non-crystalline resins. Technical products vary in composition, in the degree of chlorination and possibly according to batch.

The mixture generally used contains an average of 3 atoms chlorine per molecule (42% chlorine) to 5 atoms of chlorine per molecule (54% chlorine). They are used as dielectric fluids in transformers and capacitors. Prior to 1972, PCB applications included heat transfer media, hydraulic and other industrial fluids, plasticizers, carbonless paper, paints, inks and adhesives. "Federal regulations now specify that non-totally enclosed PCB activities are permitted only if specifically exempted or authorized." (40 CFR 761 see FEDERAL REGISTER, Vol. 44, P. 31514, May, 31, 1979)

CAS No. 001336363: For general class of compounds

TRADE NAMES

- **ASKAREL—Generic name for a broad class of fire-resistant synthetic chlorinated hydrocarbons used as dielectric fluids.
- ®1 Registered trademark of Monsanto Company
- ®2 Registered trademark of General Electric Company
- ©3 Registered trademark of Westinghouse Electric Corporation

This list of trade names is representative of several commonly used Monsanto products (or formulated with Monsanto products). Many other trademarked products were marketed by Monsanto and other chemical manufacturers. PCB's were also manufactured and sold by several European and Japanese producers. Contact the manufacturer of the trademarked product directly, if not in this listing, to determine if the formulation contained PCB's.

DATE September 15, 1980 REVISED X SUPERCEDES All prior to 9/15/80

FOR ADDITIONAL NON-EMERGENCY INFORMATION, CONTACT:

John H. Craddock, Manager, Product & Environmental Safety Monsanto Industrial Chem. Co. 800 North Lindbergh Boulevard St. Louis, Missouri 63166 (314) 694-4764 PAGE 1 OF 4

Monsanto MATERIAL SAFETY DATA



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POLYCHLORINATED BIPHENYLS-PCB's*

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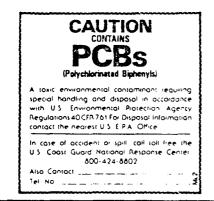
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FIRE PROTECTION INFORMATION

Fire and Explosion—Chlorodiphenyls are essentially non-combustible compounds. They may decompose to form CO, CO₂, HCl, phenolics and aldehydes under severe conditions such as exposure to flame or hot surfaces. No phosgene is formed.

Standard fire fighting wearing apparel and self-contained breathing apparatus should be worn when fighting fires that involve possible exposure to chlorodiphenyls. Fire fighting equipment must be thoroughly cleaned and decontaminated after use.

PHYSICAL DATA TABLE I—Properties of Selected Aroclors®									
Property	1016	1221	1232	1242	1248	1254	1260		
Color (APHA)		100	100	100	100	100	150		
Physical state	mobile oil	mobile oil	mobile oil	mobile oil	mobile oil	viscous liquid	sticky resin		
Stability	inert	inert	inert	inert	inert	inert	inert		
Density (lb/gal 25°C)	11.40	9.85	10.55	11.50	12.04	12.82	13.50		
Specific gravity x/15.5°C	1.36-1.37 x-25°	1.18-1.19 x-25°	1.27-1.28 x-25°	1.30-1.39 x-25°	1.40-1.41 x-65°	1.49-1.50 x-65°	1.55-1.56 x-90°		
Distillation range (°C)	323-356	275-320	290-325	325-366	340-375	365-390	385-420		
Acidity mg KOH/g, maximum		.014	.014	.015	.010	.010	.014		
Fire point (°C)	none to boiling point	176	238	none to boiling point	none to boiling point	none to boiling point	none to boiling point		
Viscosity (100°F)	71-81	38-41	44-51	82-92	185-240	1400-2500	_		

REACTIVITY DATA

PCB's are very stable, fire-resistant compounds.

SPILL, LEAK & DISPOSAL INFORMATION

If PCB's leak or are spilled, the following steps should be taken immediately:

All non-essential personnel should leave the leak or spill area.

The area should be adequately ventilated to prevent the accumulation of vapors.

The spill/leak should be contained. Loss to sewer systems, navigable waterways and streams should be prevented. Spills/leaks should be removed promptly by means of absorptive material, such as sawdust, vermiculite, dry sand, clay, dirt or other similar materials, or trapped and removed by pumping or other suitable means (traps, drip-pans, trays, etc.).

Personnel entering the spill or leak area should be furnished with appropriate personal protective equipment and clothing as needed.

Personnel trained in the emergency procedures and protected against the attendant hazards should shut off sources of PCB's, clean up spills, control and repair leaks and fight fires in PCB areas.

All wastes and residues containing PCB's (e.g., wiping cloths, absorbent material, used disposable protective gloves, clothing, etc.) should be collected, placed in proper containters, marked and disposed of in the manner prescribed by EPA regulations (40 CFR 761).

Various federal and state regulations may require reporting of PCB spills. Consult your attorney or appropriate regulatory officials for information relating to spill reporting.

Monsanto MATERIAL SAFETY DATA

NOTE:

ALTHOUGH THE INFORMATION AND RECOMMENDATIONS SET FORTH IN THIS SHEET ARE BELIEVED TO BE CORRECT AS OF THE DATE HEREOF, MONSANTO COMPANY MAKES NO REPRESENTATION AS TO THE COMPLETENESS OR ACCURACY OF SUCH INFORMATION AND RECOMMENDATIONS. MONSANTO COMPANY SHALL IN NO EVENT BE RESPONSIBLE FOR ANY DAMAGES OF WHATSOVER NATURE DIRECTLY OR INDIRECTLY RESULTING FROM THE PUBLICATION OR USE OF OR RELIANCE UPON SUCH INFORMATION AND RECOMMENDATIONS.

NO WARRANTY, EITHER EXPRESS OR IMPLIED, OR MERCHANTABILITY OR FITNESS OR OF ANY OTHER NATURE WITH RESPECT TO THE PRODUCT OR TO THE INFORMATION AND RECOMMENDATIONS HEREIN IS MADE HEREUNDER.

This form has been approved by the Occupational Safety and Health Administration as "equivalent to" OSHA Form 20.

*POLYCHLORINATED BIPHENYLS

For regulatory purposes, under the Toxic Substances Control Act the term "PCB's" refers to a chemical substance limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contain 50 ppm (on a dry weight basis) or greater of such substance (40 CFR 761).

Chemically, however, PCB's are defined as a series of technical mixtures, consisting of many isomers and compounds that vary from mobile oily liquids to white crystalline solids and hard non-crystalline resins. Technical products vary in composition, in the degree of chlorination and possibly according to batch.

The mixture generally used contains an average of 3 atoms chlorine per molecule (42% chlorine) to 5 atoms of chlorine per molecule (54% chlorine). They are used as dielectric fluids in transformers and capacitors. Prior to 1972, PCB applications included heat transfer media, hydraulic and other industrial fluids, plasticizers, carbonless paper, paints, inks and adhesives. "Federal regulations now specify that non-totally enclosed PCB activities are permitted only if specifically exempted or authorized." (40 CFR 761 see FEDERAL REGISTER, Vol. 44, P. 31514, May, 31, 1979)

CAS No. 001336363: For general class of compounds

TRADE NAMES

- **ASKAREL—Generic name for a broad class of fire-resistant synthetic chlorinated hydrocarbons used as dielectric fluids.
- ®1 Registered trademark of Monsanto Company
- ®2 Registered trademark of General Electric Company
- ®3 Registered trademark of Westinghouse Electric Corporation

This list of trade names is representative of several commonly used Monsanto products (or formulated with Monsanto products). Many other trademarked products were marketed by Monsanto and other chemical manufacturers. PCB's were also manufactured and sold by several European and Japanese producers. Contact the manufacturer of the trademarked product directly, if not in this listing, to determine if the formulation contained PCB's.

DATE September 15, 1980 REVISED X SUPERCEDES All prior to 9/15/80

FOR ADDITIONAL NON-EMERGENCY INFORMATION, CONTACT:

John H. Craddock, Manager, Product & Environmental Safety Monsanto Industrial Chem. Co. 800 North Lindbergh Boulevard St. Louis, Missouri 63166 (314) 694-4764

MATERIAL SAFETY DATA MONSA

POLYCHLORINATED BIPHENYLS

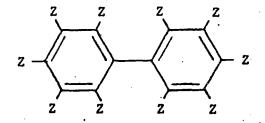
Introduction

Reports of adverse health effects in humans and the demonstration of carcinogenic effects in certain animal species have led to the reexamination of the distribution of polychlorinated biphenyls (PCBs) in the environment and the potential health effects of human exposure.

Because the industrial environment represents the major source of potentially high exposures to PCBs, the National Institute for Occuptional Safety and Health (NIOSH) has gathered pertinent information on the manufacture, uses, and reported deleterious effects of polychlorinated biphenyls and is advising the occupational health community of these hazards.

Background

Polychlorinated biphenyls (PCBs) describe a group of synthetic chlorinated organic compounds having the following structure:



where each of the ten Z's can represent either a hydrogen or a chlorine atom. There are two hundred nine different chlorinated biphenyls and they are collectively referred to as PCBs although many are not actually polychlorinated. Approximately half of these compounds have been synthesized and characterized.

Mixtures of polychlorinated biphenyls are important industrial products. The most common tradenames for these mixtures are Aroclor, and Inerteen, Kanechlor, and Pyranol. Other known tradenames for PCB-containing products are listed in Table I. PCB-containing dielectrics (electrical insulators) are generally referred to as "askarels" in the electrical industry.

Mixtures of polychlorinated biphenyls are very resistant to degredation, are thermally stable, and resistant to oxidation, acids, bases, and other chemical agents. They are soluble in most of the common organic solvents and lipids, but only slightly soluble in water, glycerol, and glycols. PCBs are good electrical insulators. Although most individual polychlorinated biphenyls are solids at room temperatures, the mixtures vary in consistency from mobile oils to viscous liquids or sticky resins.

PCBs are generally prepared industrially by the chlorination of biphenyl with anhydrous chlorine in the presence of iron filings or a ferric chloride catalyst. Trace quantities of chlorinated naphthalenes and chlorinated dibenzofurans have been reported in some commercial samples of PCBs and it has been suggested that the presence of these impurities may be of toxicological significance.(1,2,3)

Aroclor is a registered trademark of the Monsanto Company.

Inerteen is a registered trademark of the Westinghouse Electric Corporation for its brand of PCB containing dielectric fluids.

Kanechlor is a registered trademark of the Kanegafuchi Chemical Industry Company, Ltd.

Pyranol is a registered trademark of the General Electric Company for its brand of PCB containing dielectric fluids.

Commercial PCBs are generally mixtures of many different chlorinated biphenyls, as shown in Table II, manufactured to meet operational specifications (such as dielectric constant, flash point, fire point, density, percent chlorine, and color); these commercial mixtures may vary chemically from batch to batch.

PCBs have found wide use in industry and have been manufactured in the United States since 1929. The major domestic manufacturer, Monsanto Company, produces PCBs at Sauget, Illinois and reports manufacturing 40 million pounds of PCBs in the United States during 1974 (down from 85 million pounds in 1970).(4) Monsanto's domestic production and sales of PCBs by grade and category from 1957 through the first quarter of 1975 are shown in Table III.

Uses

PCBs are employed in capacitors and transformers because they combine attractive dielectric properties with chemical stability and fire resistance. Approximately twice as many pounds of PCBs are used in the manufacture of capacitors as in the manufacture of transformers.

Prior to the environmental concern surrounding the persistence and ubiquitousness of PCBs,(5) they were more widely used in industry as fluids for heat transfer systems, hydraulic systems, gas turbines, and vacuum pumps, as fire retardants, and as plasticizers in adhesives, textiles, surface coatings, sealants, printing, and carbonless copy paper.

Beginning in 1971, Monsanto voluntarily restricted its domestic sales of PCBs to closed system dielectric applications in capacitors and transformers.(6) Other current domestic applications of PCBs include use in investment casting processes, as heat exchange fluids, and as hydraulic

fluids. Imports of PCBs have been estimated to exceed 375,000 pounds for 1974. Reclaimed PCBs also are reported to be available.(7)

More than 95 percent of all power capacitors contain PCBs. Among their applications are use on electric utility lines, in air conditioners, and in the ballast of fluorescent lamp fixtures. PCBs are employed for safety, reliability, and long life, as well as to achieve, size compatibility with equipment and installation requirements. However, non-PCB power capacitors are being manufactured (e.g., General Electric's Econol line and Sprague's Eccol line) which may serve as alternatives. (8)

THE RESERVEN

PCBs are employed in transformers at locations where their proximity to people and/or property demand a fire resistant dielectric. Approximately 5 percent of transformers are PCB filled and each of the transformers so filled contains between 40 and 500 gallons of PCBs (about 235 gallons is average). Possible alternatives to PCB filled transformers may include dry transformers (which are larger) as well as transformers filled with silicone fluids or other materials under evaluation. (8,9)

Chlorinated terphenyls, as well as PCBs, are used in some formulations of wax for investment casting processes.(8) The chemical structure of chlorinated terphenyls resembles that of PCBs. Chlorinated terphenyls have been reported to have toxicological effects similar to those of PCBs.(10)

Approximately 330,000 pounds of chlorinated terphenyls were imported into the United States during 1974(11) and 125,532 pounds during 1973.(12)

<u>Toxicity</u>

PCBs are poorly metabolized and tend to accumulate in animal tissues, including humans. (13,14,15,16,17) The accumulation, particularly in

tissues and organs rich in lipids, appears to be higher in the case of penta and more highly chlorinated biphenyls. (18)

Studies have revealed PCBs in human fat tissue and blood plasma. PCBs, in amounts greater than 2 parts per million, were reported in 198 of 637 (31 percent) samples of human fat tissue taken from the general population of 18 states and the District of Columbia. (14) PCB residues ranging up to 29 parts per billion have also been found in 43 percent of 616 plasma samples collected from volunteers in a southeastern U.S. county. (15)

Human:

The said

The known toxic effects of PCBs in humans include an acnelike skin eruption (chloracne), pigmentation of the skin and nails, excessive eye discharge, swelling of eyelids, and distinctive hair follicles.(19)

For a number of years, chloracne of the face and neck has been reported among workers exposed to chlorinated hydrocarbons. Workers exposed to PCBs in the process of insulating cables, (20) in the production of condensers (21) and in the manufacture of chlorobiphenyls (22) have reported these skin lesions along with systemic effects such as digestive disturbances, edema of the face and hands, burning of the eyes, impotence, and hematuria. (16,22)

The toxic effects of PCBs in humans are further illustrated by a 1968 outbreak of poisoning in Japan that involved over 1,000 people who ingested PCB contaminated rice bran oil for a period of several months. The contamination of the oil (estimated 1,500 to 2,000 ppm) occurred when heat transfer pipes immersed in the oil during processing developed pinsized holes. The clinical aspects of the poisoning included chloracne,

brown pigmentation of the skin and nails, distinctive hair follicles, increased eye discharge, swelling of eyelids, transient visual disturbance, and systemic gastrointestinal symptoms with jaundice(19). In some patients, symptoms persisted 3 years after PCB exposure was discontinued. Infants born to poisoned mothers had decreased birth weights, and showed skin discoloration due to PCB placental passage. Two stillbirths to PCB exposed women were also reported.(23)

Animal:

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The toxic effects of PCBs in animals have been studied extensively.

Reports of malignant, non-malignant, and reproductive effects are shown in the following three tables.

HALICHANT PATHOLOGIC EFFECTS INDUCED BY PCBS IN ANIMALS

PCB Mixture	Treatment	Animal	Effects
Kanechlor 500 (24) Kanechlor 400 Kanechlor 300	500 ppm, 250 ppm and 100 ppm in diet for 32 weeks	Mice	Liver weight increased with percent chlorine and dosage.
Tanto Hite John	and for the mooks	•	Kanechlor 400 and 500 produced liver cell hypertrophy.
		•	500 ppm of Kanechlor 500 produced hyper- plantic nodules in 7 of 12 mice and hepatocellular carcinomas in 5 of 12 mice
•		٠.	No nodules or carcinomas in controls
Aroclor 1254(25)	300 ppm in dict for 6 & 11 months	Mice	Increased liver weight. Adenofibrosis in all mice fed for 11 months. Nine of 22 mice fed for 11 months had hepatomas. One of 24 mice fed for 6 months had a hepatoma.
	•		No hepatomas in control mice.
Aroclor 1260(26)	100 ppm in diet for 21 months	Rats	Repatocellular alteration in 182 of 184 rats fed PCBs and in 28 of 173 control rats. Neoplastic modules in 144 of 184 PCB fed rats and none in control rats.

Mepatocellular carcinomas in 26 of 184 rats fed PCBs and in 1 of 173 control rats.

NON-MALIGNANT PATHOLOGIC EFFECTS INDUCED BY PCBS IN ANIMALS

•	PCB Mixture	Animal	Route of Administration	Effects
ACUTE EFF	FECTS			
	Unspecified Product Containing 42 % Chlorine(27)	Guinea Pigs Rats Rabbits	Subcutaneous injection Skin application Feeding	Fatty degeneration and central atrophy of the liver.
	Aroclor 1242(28) Aroclor 1254	Guinea pigs Rats Mico Rabbits Cat	Inhalation	Aroclor 1242 produced no ill effects on basis of mortality, growth, pathology, organ enlargement, liver function, or hematological changes. Aroclor 1254 produced no harmful effects regarding growth or mortality, but did produce enlarged livers with microscopic evidence of hepatic cellular injury.
	Aroclor 1248(29)	Monkeys	Feeding	Weight loss, hair loss, mouth and eyelid edema, acneform lesions, decreased hemoglobin and hematocrit, severe gastric mucosal ulceration and extreme hypertrophy of the liver.
CHRONIC E	FFECTS		•	
1	Aroclor 1254(30)	Rats	Feeding	Hypertrophy of the liver cells,

<u>C1</u>

Aroclor 1260

a brown pigment in the Kupffer cells, lipid accumulation in the cytoplasm of hepatocytes and adenofibrosis.

REPRODUCTIVE EFFECTS OF PCBS IN ANIMALS

PCB Hixture	Animal '	Route of Administration	Effects
Aroclor 1242(31) Aroclor 1254 Aroclor 1260	Chickens	Feeding	Aroclor 1242 and 1254 reduced egg production and hatchability and caused thin eggshells. Aroclor 1260 produced no harmful effects.
Aroclor 1254(32)	Mallards Bobwhites	Feeding	No adverse effects.
Aroclor 1254(33)	Pheasant	Feeding	Reduced egg production and hatchability.
Aroclor 1254(34)	Mink	Feeding	Severaly affected reproduction.
Aroclor 1248(29)	Female monkeys	Feeding	Reduced ability to become pregnant. Pregnancies produced small infants with

Occupational Exposure

It is estimated that 12,000 people are occupationally exposed to polychlorinated biphenyls. The majority of these exposures are in capacitor production and in investment casting processes.

Permissible Occupational Exposure

The current Occupational Safety and Health Administration, Department of Labor standards for chlorinated biphenyls are 1 mg/cubic meter for 42 percent chlorine mixtures and .5 mg/cubic meter for 54 percent chlorine mixtures. These are based on the Threshold Limit Values (TLV) established by the American Conference of Governmental Industrial Hygienists.(35)

Questin #5

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TABLE I

Tradename	Tradename Owner
Aroclor	Monsanto Company St. Louis, MO
Chlorextol	Allis-Chalmers Milwaukee, WI
Clophen	Farbenfabricken Bayer GmbH Germany
Dykanol	Federal Pacific Electric Co. Newark, NJ
Fenclor	Caffaro S.P.A. Italy
Inerteen	Westinghouse Electric Corp. Pittsburgh, PA
Kanechlor	Kanegafuchi Chemical Industry Co., Ltd. Japan
Noflamol	Wagner Electric Corporation Newark, NJ
Phenoclor	Prodelec France
Pyralene	Prodelec France
Pyranol	General Electric Co. Schenectady, NY
Santotherm	Mitsubishi-Monsanto Japan
Therminol*	Monsanto Co.

TRADENAMES FOR KNOWN PCB CONTAINING PRODUCTS

St. Louis, MO

^{*}Therminol products now formulated in the U.S. do not contain PCBs.

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	1605 00210 005	4.50	14.50				
	160500270009	7.02	7.02				
	160500270010	221	64.09				
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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

ITEM NO.	qry,	DESCRIPTION	PAHT/ASSET NUMBER	BOOK PER UNIT	VALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
	9	Caprillers	160500S8CX06	1.84	16.56				
	18		160500280 X08	1.69	13.52				
3	50		160500280X10	1.53	16.50				
	313		160500280X11	1,99	6.22.87				
6	15		160500280X12	1.27	19.05				
Ĺ.	10		160500280X14	3.04	30.40				
1	30		16.0500280X16	1.12	33.60				
<u>َ</u> ل	33		160500280117	1.23	38.29				
4	<u>5~</u>		160500250X18	.97	4.85				
10	71	/	160500210819	1.13	80.23				
//	69	<u> </u>	160500280 X24	1.41	4729				
					1023.16				<u> </u>
PROPOSED	MELHOD	OF DISPOSITION (CHECK ONE): () RETURN TO VENDOR (LESS REST	OCK ING)	()ornen(spec	IFY) () SELL AT L	ESS THAN BOOK VALUE	(K) SCIMP

Service parts excess inventary

LOCAL HIL. CHIL.

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OPERATING UNIT CONTROLIERS

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

item No.	QΓΥ,	DESCRIPTION	PART/ASSET NUMBER	BOOK PER UNIT	VALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
<i>j</i>	20	Chipacotous.	160500280125	2.77	55.40				
	31		160500280 129	5.22	161.82				
3	46	·	160500280 X30	5.89	370.94				
4	40		160500250131	3.97	158.80				
	7,2		160500280X32	2.05	147.60				
6	1/		160500280X34	1.50	1.50				
	9		160500280137	6.04	54.36				
<u>````````````````````````````````</u>	17		160500280139	3.61	62.39				
	27		160500280 X40	4.36	117.72				
16	6		160500280X42		7.14				
	18	Α	160500280144	1.17	21.06		ļ		<u> </u>
·					1058.73		<u> </u>		
PROPOSED	MELHOD	OF DISPOSITION (CHECK ONE)	() RETURN TO VENDOR (LESS REST	OCKING)	()DTHER (SPEC	IFY) () SELL AT LI	ESS THAN BOOK VALUE	(X) SCIMP

LOCAL HIL. CHIL. CHIL. DATE OPERATING WIT DATE OPERATING UNIT DATE HGR. INVESTIGATES

ATE LOCAL HIL. CHIL.

DATE OPERATING INT DATE OPERATING UNIT DATE MGR. INVENTORIES

HEG. ENG. OR FUNCT. MGR.

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10001 FUNCT. MGR.

DATE OPERATING UNIT DATE OPERATING UNIT DATE

CONTROLIERS

DATE MGR. INVENTORIES

See 934 - Note I

HCR. CREDIT DATE ADDITIONAL APPROVALS DATE DATE CORP. CONTROLLEN DATE EXPLOTIVE V.P. DATE

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

ITEM NO.	gry.	DESCRIPTION	PART/ASSET NUMBER	BOOK PER UNIT	VALUE TOTAL	OFI PER UNIT	Pered Total	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
j	153	Capacitais	160500280147	1.21	194.31				
2	/		160500250 848	5.09	5.09				
3	90	·	160500250 X.50	.78	10.20				
4	\mathcal{G}		160500280151	291	26.19				
7	10		160500280152	1.39	1390				
6	30		160500280155	8.87	266.10				
1	30		160500280001	1.60	32.00	<u> </u>			
8_	25		160500250003	1.90	47.50				<i>'</i>
4	4		160500280007	1.68	6.12				
10	150		160500280015	, 48	147.00				
11	14	V	160500280022	1.44	20.16				
					829.17	<u> </u>			
ROPOSEI	D WELHOD	OF DISPOSITION (CHECK ONE)	() RETURN TO VENDOR (LESS REST	OCK ING)	()Driien(SPEC	IFY) () SELL AT LE	ess than book value	(/) SCIMP

L NO.

APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

ITEM NO.	qry.	DESCRIPTION	PART/ASSET NUMBER	BOOK PER UNIT	VALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
/_	/	Caparitical	160500280021	1.61	1.01				
2	/		160500280032	2.01	201				
.3	12		160500280038	2.21	26.52				
4	48		160500250041	.85	40.80				
	/		160500280045	1.37	1.31				
6	14		160500250046	5.06	70.84				
<u>'/</u>	3		160500280049	4.35	13.05		 		
8	1		16050028006	1.56	1.56				<u> </u>
9	75		160500290 XOI	7.15	679.25				<u> </u>
10	30		160500240202	7.14	214.20				
,/	175	√	160500240103	8.69	651.15				<u> </u>
					1702.36		<u> </u>		<u> </u>
noposei	D WELHOD	OF DISPOSITION (CHECK ONE).	() RETURN TO VENDOR (LESS RESI	ocking)	()DTHER(SPEC	IFY) () SELL AT LI	ess than book value	(X) SCIMP

COMMENTS: Server parts excised investary

LOCAL HIL, CHIL. MFG. ENG. OR FUNCT. MCR.

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Note I

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVESTORY.

													-	IMP			SI		Â
	LEUGER ACCOUNT NUMBER													(X SCIMP			S/0 PK	INTE	
	CA1N/ (1,053)													() SELL AT LESS THAN BOOK VALUE		A 1867	HCB. M. HCB. The T.	EXECUTIVE V.P.	
Mancango	NIT TOTAL	-											•	() SELL AT LA			S/20 /	DATE	
311 E	TOTAL PER UNIT	1.1.5	20.36.30	13545	0769	603.12	87.70	65.88	37.63	13.14	226.81	134.20	2534.42	()THER (SPECIFY)			Cel Helle OPENATING UNIT CONTROLIENS	CORP, CONTROLLER	
	PER UNIT 1		115	4.88	11711	81%	618	3.66	10%	6.57	6.13		,2			}	1000	18-3/ INTR	
	PART/ASSET NUMBER	16050020005	161500500 XO1	16050505030	160500000001	160500300 XOS	16050030.0X07	160500300X08	12050030 OX10	1605CO3CCX12	16050000011	1605 10,000 206		() RETURN TO VERIDOR(LESS RESTOCKING)	toly		GEN. MA.	, r	
	DESCRIPTION PAINT/	(2) (100) 160	166	1.00	70./	160	79/	09/	160	160	79/	160.		PROPOSED METHOD OF DISPOSITION (CHECK ONE): () RETURN T	Lewice pull extend envirter		TE LOCAL HIL. CHIL. HEG. EHC. OR FUNCT. MGR.	ADDITIONAL APPRIONALS DATE	
	qry.	2 (265	700	15.	14	2/	18	6	Ş	37	20	-	METHOD OF	, ,		DATE	TI DATE	
TTEN		/	6	; ;	7,	4	Ç	7.	3	4)	7.0	//		PROPOSED	COMMENTS		Children HGR.	MCH. CHEDIT	

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

item No.	QTY.	DESCRIPTION	PART/ASSET NUMBER	BOOK PER UNIT	YALUE TOTAL	OFT PER UNIT	PERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
	3	Carrietou)	160500320X01	2.43	7.29				
_2	115	1	160500320102	3.01	346.15				
3	86	•	160500320103	3.12	268 32				
4	31		160500320104	4119	148 49				
· ر	30		1605 60320 805	3.60	73.00				
ί,	25		160500320106	3.32	80.50				
1	104		1605003.20109	4.32	449.28		 		
8	32		160500320108	3.26	. 71.12				
4	15		160500320109	4.50	64.50				_
10	44		160500320X12	4.30	189.20		<u> </u>		
it	127	V	160500320114	6.91	202.13			<u> </u>	
					1903.58		[

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

ITEM NO.	qry.	DESCRIPTION	PART/ASSET NUMBER	BOOK PER UNIT	YALUE TOTAL	OFI PER UNIT	TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
	123	Carrectors	160500320119	3.45	424.35				
2	34		160500320120	3.09	165.66				
.3	38		160500320122	587	22306				
4	10		166500320124	4.06	40.60				
	16		160500310125	7.16	114.56				
<u>(.</u>	3/		160500320127	9.62	29822				
1/_	14		160500320129	4.01	56.98		ļ 		
J'	30		160500320130	156	76.80			ļ	
9	/		160500320132	1.13	7.13				
11:			160500320133	4.69	4.69				<u> </u>
11	13	V'	160500320134	2.49	201:1-1			<u> </u>	<u> </u>
					152212			·	

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LOCAL HIL. CHIL. HFG. ENG. OR FUNCT, MCR.

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See 936. Note F

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APPROVAL 19 REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

Capacitaes.	160500320X36 160500320X3Y 160500320X41	T	37.53 43.50				
	160500320141	1	1				i
.)		200	l .			.l	<u> </u>
		12/	2639			!	
	16050032001R		75.05				
	160500320013	3.82.	382				
	160500320017	5.06	111.32				
	16.05003.20021	3.79	60.64				
	160500320023	3.55	25.05		L		
	160500320031	2.87	41.04				
	160500320035	284	343.64				
V	160500320040	3.81	11.43				
			1979.41				<u>'</u>
		160500320017 160500320021 160500320023 160500320035 160500320040	160500320021 3.79 160500320023 3.55 160500320031 2.87 160500320035 2.84	160500320017 5.06 111.32 160500320021 3.79 60.64 160500320023 3.48 7.5.05 160500320031 2.87 91.04 160500320035 2.84 343.64 160500320040 3.81 11.43 219.41	160500320017 5.66	160500320017	160500320017

COMMENTS: Size of facts excess executory

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HCH. CREDIT DATE ADDITIONAL APPROVALS DATE DIR. HTRLS. DATE CORP. CONTROLLER DATE ENGINEER.

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'eh).	QTY.	DESCRIPTION	PART/ASSET NUMBER	BOOK PER UNIT	VALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
<i>j</i>	32	Caracitais'	160500330 KO1	3.34	6.68				
2	1	.1	160500330104	2.65	2.65				
3	115	·	160500330X68	5.32	611.50				
/	.2		166500330 XII	6.39	12.78				
	31		160500330812	4.94	153.14				
<u> </u>	10		166500330X13	3.66	36.60				
/	2/		160500330004	265	25.65		<u> </u>		
<u>j`</u>	14		160500330005	3.88	15.52				
Ý	1.2		160500330008		63.64				<u> </u>
(C)	1/5		160500350103	1.87	11.22	ļ			ļ
//	64	L V	160500350105	2.75	176.00				
				<u> </u>	1144.68		<u> </u>		
OPOSED	METHOD	OF DISPOSITION (CHECK ONE)	() REFURN TO VENDOR (LESS REST	ock ing)	()DTHER(SPEC	IFY)	() SELL AT LE	SS THAN BOOK VALUE	(() SCRAP
 27113MR	Sec.	uce fails execu	in creektory.						
, 7	1-1	000/	J.91 1		1. VA 0			2-200	
<u>U kis</u>	the !	DATE LOCAL HIL. CHIL.	INTE PRATINGIANT	(0) 5	OPERATING		DATE /	CR. INVENTORIES	NOS4 DATE
ar NG	١.	NFG. ENG. OR FUNCT	. MCR. GEN. MCRU	INIE	COULBOTIE		inis 1	ce 936 Note.	

CORP. CONTROLLER DATE

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY;

TEM O.	qry.	DESCRIPTION	PART/ASSET NUMBER	BOOK PER UNIT	VALUE TOTAL	OFT PER UNIT	TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
,	3	Carrietoes	160500350 X33	3.47	11.91				
_2	131	1	160500350139	2.27	31099				
3	,2		160500350031	3.23	6.46				
4	4		160500350038	2.48	9.92				
5	18		160500390124	1.14	20.52				
L.	<u>i</u>		160500340002	1.07	1.07				·
1	,2		160500390027	6.49	12.98				
ÿ	15		160500460101	7.63	114:45		<u></u>		
}	49		160500460102	7.46	3/5 54	<u> </u>			
10	29	/	160500460803	6.110	194.30				
11	50	V	160500460804	6.10	335.00	<u> </u>			
					1383.14				

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LOCAL MIL. CNTL. MFG. ENG. OR FUNCT. MGR.

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

rem O.	gry.	DESCRIPTION	PART/ASSET MUMDER	BOOK PER UNIT	YALUE TOTAL	OF PER UNIT	Fered Total	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
/	35	Capacitais)	160500460X05		519.05	224 0114		Girly (Book)	110,1051
.2	15	1 .	160500460106	11.65	174.75				
3	40	·	160500470001	6.81	273.40		,		
4	60		160500470102	9.91	594.60				
	40		160500470103	14.20	568 00				
6	16		160500470104	8.11	140.96				
1	90		160500450407	3.42	35280				<u> </u>
<i>¥</i>	34		160500480008	4.20	100.80			·	
7	18		16-0500480404	2.95	53.10				
رن	10	J.	160500480811	2.59	25.40				
					2802.36				

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See 936 Note

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PPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

em •	QTY.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	VALUE	OF PER UNIT	PERED TOTAL	CAIN/(LOSS)	LEDGER ACCOUNT
/	118	Capacitary)	1741479	2.18	257.24				
2	4		1742399	1.91	7.64				
3	.30		1742499.	14.90	29800				
./	16		1742654	. 45	15.20				
	23		1142165	2.05	47.15				
į,	63		1743837	3.40	15020				
1			1743163	6.45	6.45			<u> </u>	
1	38		174.386-4	6.25	17500				
1	8		1746057	27	2.16		 		
10	17		1746210	9.4.2	160.14				
11	3		1747515	1.18	3.54				
					1123.12				<u> </u>
POSED	MELHOD	OF DISPOSITION (CHECK ONE).	() RETURN TO VENDOR (LESS RES	STOCKING)	()DTHER(SPEC	IFY) () SELL AT LI	ess than dook value	(X) SCRAP

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1 2				<i>d</i> .		•	1 (the s	
The Julie) {{PSY	,		While	10/9.	Rev. Melan	8(2)	REBILDIN	8/0/84
dr HCR.	DATE	LOCAL HIL. CHIL. HFG. ENG. OR FUNCT. MGR.	DATE	PERATING UNIN	INTE	OPERATING UNIT CONTROLLERS	DATE	MCR. INVESTIGATES See 936 Note I	DATE
	(PM Killrick 8-	9-8-4	Mahan	9-X	·		Moleman	
R. CREDIT	DATE	ADDITIONAL APPROVALS	DATE	Diff. Hrais.	DATE	CORP. COMPROLLER	DATE	EXECUTIVE V.P.	DATE

EM	1		1 .		VALUE		FERED	1	LEDGER ACCOUNT
·	gry.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMBER
/_	18	Capacitary	1887010	6.65	119.70				
?	14		1987.318	257	35.98				
3	53	•	1987718	2.22	13.26				
/_	6.5		1987974	591	384.15				
<i>,</i>	19		1993276	3.64	69.16.				
/	60		1993613	5.6.2	337.20				
	40		2005762	3.44	151.60	İ			
/	3		201115	. 97	291				
)	34		2014139	6.91	234.94				
ı	18		2014547	5.58	100.44				
/	9	<u> </u>	2016787	2.86	25.74			_	
					1541.08				

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

ITEM NO.	qry.	DESCRIPTION	PART/ASSET NUMBER	BOOK PER UNIT	VALUE TOTAL	OFT PER UNIT	Fered Total	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
/	41	Capacitaes	2017947	3.33	136.53				
2	88	1	203471	1.50	132.00				
3	14		A03538	:76	12.16				
4	81		203534	.70	56:10				
	4		203569	2.48	11.92				
l:	14		203711	38	1.12.				
1			204301	2.44	7.44				
<i>S</i> *	5		201669	1.71	855				
ب	<i>30</i>		304610	3.12	93.60				
1i:	20	,	204781	2.05	41.00	:	<u> </u>		
11	4		204879	137	12.33				
					515.85				

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TEM			į .	BOOK	VALUE	OF:	Fered	1	LEDGER ACCOUNT
0.	qry.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMBER
/	24	Capacitario	204842	121	23.04				
3	10		205746	.68	6.80				<u> </u>
_3	/		205740	7.06	7.06				
4/	13		205506	.55	11.02				
-1	66		307291	4.06	243.60				
l	6		207418	3.16	18.76				
11	15		208601	2.42	36.30				
8	2		208812	3.25	6.50				
<i>y</i>)	18		209267	1.71	30.78				
10	63		209268	95	54.55			<u> </u>	
11	33		209319	1.75	40.25				
	1				490.16				

Lines parts excess

LOCAL MIL. CHIL.

HFG. ENG. OR FUNCT. MGR.

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ITEM		*			VALUE		TERED		LEDGER ACCOUNT
NO.	gri.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMBER
<u> </u>	3	Camillari	160500196005	1.14	2.28				
2	13		160500200002	3.34	44.07				
3	12	•	160500000003	1.27	15.24				
/	46		160560216x02.	1.40	126.00				
	35		160500210805	3.80	144.40				
1:	120		160500210x08	755	52850				
11.	(2)		160500210109	4.33	25.98				
<u> </u>	Ç		160500210003	300	22.80				
9	.3		160500210004	3.50	7.00				
10	.37		160500210006	381	103.57				<u> </u>
11	1	<u> </u>	160500210010	5.37	37.58				<u> </u>
	1				1056.72			<u> </u>	
PROPOSE	D MELHOD	OF DISPOSITION (CHECK ONE):	() return to vendor(less rest	ocking)	()Driven(SPEC	IFY) () SELL AT L	ess than book value	(X) SCRAP
COMENT	Si Se	rever party excess.	'inventory					uc) (
DEPT NO	uper	DATE LOCAL HIL, CHIL.	DATE OPERATING UNIT	109 DATE	PRO LL	lin 8	DATE C	B D HGR. INVENTORIES	DATE
		HFG. EHC. OR FUNCT. I	IGR. GEN. IGR.	ľ	CONTROLIE	ans .	See 9.	36. Not I	
		(DNG/ than	18-9-8-4 Worden	168	•		M	Dennon	
HCR. CF	EDIT	DATE ADDITIONAL APPROVALS	DATE DIA. HERLS.	DATE	CORP. CON	LUOITEU	DATE /1	EXECUTIVE V.P.	DATE

rem					VALUE		FERED		LEDGER ACCOUNT
0.	QTY.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMBER
	2.	Capacitació	0113849	4.94	9.88				
2	2		0114430	2.77	5.54				
	56	•	0115897	9.50	532.00				
4	/		2118378	1.19	1.19				
	17		0150328	3.64	61.88	•			
۷	33		01506-15	3.40	78.30				
1	37		0213849	5.81	00547				
8	34		0215247	7.16	27924				
4	43		0216824	3.53	151.79	<u> </u>		<u> </u>	
/i'	44	·	0218293	3.03	14847				
//	27	· ·	0414721	2.52	6804				
٠,					1841.70				
POSE	D MECKOD (OF DISPOSITION (CHECK ONE).	() RETURN TO VENDOR (LESS RE	STOCKING)	()OTHER(SPEC	(FY) () SELL AT L	ESS THAN DOOK VALUE	(X) SCRAP

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HFG. ENG. OR FUNCT, MCR.

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DATE

CORP. COMPROLLER

EXECUTIVE V.P.

ITEM		DESCRIPTION			VALUE	offered			LEDGER ACCOUNT
NO.	QTY.		PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/(LOSS)	NUMBER
	32	Calintais)	110303000005	2.34	7648				
2	11		111871.3	10.10	117.70		<u> </u>		
3	134		112111590001	.46	12864				
_ //	150		112/11.540006	1.60	240.00				
 	208		112111590 008	1.43	297.44				
Ć.	34		1121 11540 009	1.01	34.34				
1	34		112111540010	1.09	37.06				
Ŝ.	44		112111590012	1.81	79.64				
4	4		112111540013	1.79	10.74				
10	19		1187166	1.91	36.29				
11:	146	V	1187167	1.93	281.78				
					1340.11				
PROPOSE	D MECHOD O	DE DISPOSITION (CHECK ONE).	() RETURN TO VENDOR (LESS REST	OCKING)	()DTHER(SPEC	IFY) () SELL AT L	ESS THAN DOOK VALUE	(/) SCRAI

COMENTS	ince pin	Will w						•	
i							Λ	alles)	
Tou Challer	(Y.)				10/0	Rev Hilzen	she	REBellon H	1/0/04
DEPT MGN.		L HIL. CHIL. ENG. OR FUNCT. MGR.	DATE	OFFICE UNIT	lo g	OPERATING UNIT	DATE	see 936 - Note F	DATE
		WH-had	i Cd	unda de	8-21			21/2	
MCR. CREDIT	DATE	TIONAL APPROVALS	DATE	DIR. HIRLS.	DATE	CORP. CONTROLLER	DATE	EXECUTIVE V.P.	DATE
		•							

TEM					VALUE		FERED		LEDGER ACCOUNT
	qry.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMBER
/	12	Capacitacs?	0518715	4.10	49.20				
12	1		0818712	14.29	10.29				
3	3	·	1018721	23.43	71.49				
4	9		110200970601	225	20,25				
, "	10		1102 02140 001	2.08	20.80				
6	4		1103 00500 001	4.54	19.36				
1	7		110301150001	1.35	9.45				
<i>§</i> ²	5		110301150002	1.35	6.75	 			
9	/		110301150-003	2.75	2.75				
10	110		110301150004	. 43	10230				
11	5	V	1103 03000001	239	11.95		ļ		
		·			324.59				

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DATE

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DATE

PPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

TEM		·		BOOK	VALUE		TERED		LEDGER ACCOUNT
) <u>. </u>	qry.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMBER
	45	Capacitors	1413600	243	27835				
3	4		1418716	4.44	17.76				
3	10		1419506	1.51	15.10				
4_	3		1422511	2.6-6	7.98				
	4		14.26.34.3	5.14	46.26				
ζ:	4		1427775	3.68	14.7.2				
1	22		1428158	1.06	2.13				
<u> </u>	3		1428941	4.7.2.	14.16				
ý'	6		1518727	3.13	15.18				
10	/	/	160500030001	3.22	3.22				
//	5	<u> </u>	160500060 KO3	1.92	9.60				ļ
	1				428.05				
orosei	MELIIOD	OF DISPOSITION (CHECK ONE):	() RETURN TO VEHDOR (LESS REST	OCKING)	()ornen(spec	IFY)	() SELL AT L	ESS THAN DOOK VALUE	(X) SCRAP
AMENTS	31 <i>1</i>	<u> </u>							
	Nich	wice facts excess	·				1		
ےر -	}		1011	/	- 77 - 571) Doll	
b/ (//	rher	1-85g/	Vallahi	10 9 DITE	Per lle		120 /	Bellow	S/3/8/
Pr HCI	1.	DATE LOCAL HIL, CHIL. HFG. EHG. ON FUNCT.	DATE OPERATIAS UNIT	DITE	OPERATING CONTROLIE		DATE	MCR. INVERTORIES Lee 936-247	DATE
		(DM2/14)		121			£, \	//	-
		Wall hillow	8-9-8-4 Mynt	8-21				Molenna	

S-21 DATE

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APPROVAL 13 REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

em •	qry.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	YALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
j	17	Capacitaci)	160500060 X10	3.19	54.23				
2	103		160500060X1S	S.Si.	244.58				
3	6		160500060125	1.82	10,92				
i: <u>/</u>	15		160500060X26	205	30.75				
/	45		160500160001	2.08	43.60				
<u>/, </u>	10		160500060001	3.00	30.00				
/	52		160500060006	5.00	156.00		<u> </u>		
,	/		160500060013	2.25	225			<u> </u>	
<i>`</i>	14		16.0500060015	1.30.	18.20		{		
C:	2		160500060016	.98	1.96				
/	19	V	160500060017	265	50.35				
					74284		<u> </u>		

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

em D,	QTY.	DESCRIPTION	PART/ASSET MUMDER	BOOK PER UNIT	YALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT
,	30	Capital	1605 accs CXOI	4.16	124.80				
2	/		160500080108	3.00	3.00				
<u>3'</u>	19	•	160500080001	4.16	79.04				
/	1./		160500110001	5.70	5.70				
	3		160500110003	5.70	11.40				
1	67		160500130KO1	3.53	236.51				
1	1.2		160500140 801	2.12	25.44				
,	37		160500190804	1.02	37.74				
}	//		160500190x06	1.09	11.99				
C:	/		160500190002	4.08	4.08				
//	2	· · · · · · · · · · · · · · · · · · ·	160500090003	.6.4	1.28				
					540.98				

COMERTS:	600000	facto excession	nectory					·
7 1	•	,					Mess	
d Jacher	8-154		VElehal	10/4	Rujtile.	8/20	REBILDON 5/10	/8K
FIT HCR.	DATE	LOCAL HIL. CHIL. HFG. ENG. OR FUNCT. MCR.	DATE OPERATING WITT GEN. M. R.	1014 DATE	OPERATING UNIT CONTROLLERS	DATE		DATE
	(my VHb.	29-84 Word	8-21			MBrenner	
CR. CREDIT	DATE	ADDITIONAL APPROVALS	DATE DIR. HIRLS.	DATE	CORP. CONTROLLER	DATE		DATE

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

ITEM NO.	qry.	Description	PART/ASSET NUMBER	BOOK PER UNIT	VALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT
						LEW OUT!	TOTAL	CATHY (1005)	NUMBER
	10.	Caprolley	0 PR71089	1.64	15.38				
3	1.2		EPR71090	181	165.72	<u></u>	<u> </u>		
3	3		CPR71691	1.59	4.71			,	
_/	17		CPR11042	6.39	10863				
	17		CPR11094	6.90	117.30				
Ĺ	9		EPR11091	5.82	52.38				
· Í	1		CPR 71098	1.84	14.72				
}	رين ا		CPR11112	7.18	14.36				
4	3		CPR11113	4.35	13.05				
10	4		CPR71114	4.69	18:16				
11	7	<u> </u>	OPR41124	6.13	4291				
		,		1	501.98				
PROPOSE	D METHOD	OF DISPOSITION (CHECK ONE):	() RETURN TO VENDOR (LESS RE	STOCKING)	()DTHER(SPEC	IFY) () SELL AT L	ESS THAN DOOK VALUE	(/) SCIAP

COMMENTS 1 Server pastificated States
xuestan# 5

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OHMBITS: Sucre parts excess!

PPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

H		hraany tolk	74 7m (4 505m - 2010m)		VALUE		TERED	1	LEDGER ACCOUNT
	qry.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMDER
1	23	Capacitain	CPR11050	7.96	18308		<u> </u>		
2	<u>5</u>	<u> </u>	CPB11051	11.06	5530				
3	.2,		CPR41059	5.91	11.8.2		<u> </u>		
-/	7		CPRTICES	2.43	17.01				
	11		CF1171066	2.81	30.91				
۲	26		CPR71070	1.21	31.46				
/	-/		CPR71071	5.10	2040				
5	35		CPR71081	4.01	100.25				
-/	3		EPR71085	6.19	20.37				
10	8		CPR 11086	3.64	29.12				
<i>j1</i>	/	· ·	CPR11087	682	6.82				
				-	506.54	ļ		,	

8/20 HGR. INVERTIONNES See 936 Note F OPERATING UNIT CONTROLLERS DATE LOCAL HIL. CHIL. HFG. ENG. OR FUNCT. MGR. DATE DATE CORP. COMPROLLER DATE DATE

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LOCATION Extension

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Approval is requested for disposition of the following residual inventory:

en	QTY.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	YALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/(LOSS)	LEDGER ACCOUNT NUMBER
	/	Capacitais	OPENIORY	1.12	1.12				
,	49		CPR41025	4.50	220.50				
3	5	•	CPR71027	328	16.40				
/	3		CPB71628	3.41	10.23				
<u>.</u>	30		CPR11034	6.34	136.50				
<u>'</u> :	/		CPR41034	4.17	4.17				
<i>i</i>	18		CPR41038	1.34	24.12				
`	<i>Ú</i> 5		CPR71012	872	3/220		ļ		
	26		CPR411043	7.28	189.25				
۲,	13		CPR11044	11.57	150.41				
<i>;</i>	15	V	CPR71046	1.85	27.15				
	-				1082.48		<u> </u>	<u> </u>	

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

!				YALUE		FERED		LEDGER ACCOUNT
 QTY.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMBER
 37	Capacitors'	CPR71009	96	35.52	<u> </u>	<u> </u>		
 13	<u> </u>	CPR41010	1.30	3.90				
 10		CPK41013	304	30.40				
45		CPK41014	1.56	70.20				
 41	·	CPR41015	201	8241				
1		CPR41017	. 3.5	5.95				
34		CPR41018	3.04	74.16				
31		CPR41019	296	91.16				
 10		CFR11020	3.06	30.60				
 52		CFR41021.	1.11	5112				
 4		CPR71023	1.83	7.3.2				
		1		48794	}			1

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

H	1				VALUE		FERED	1	LEDGER ACCOUNT NUMBER
	QTY.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	
<i>j</i>		Capacitano	CPK20001	1.09	109		<u> </u>		
?	9	<u> </u>	CPR25	6.07	54.63	1	<u> </u>		<u> </u>
3	174	·	CPR26	3.75	296.25				
/	3/		CPR21	4.72	146.32				
_	2		CPK29	6.19	1238	,			
	4)		CPR31	2.95	141.60				
	4		EPR32	6.110	26.80				
			EPR41003	227	2.37		<u> </u>		
	11		CPR11004	3.34	37.29				
	1		CFRIICCE	2.17	.2.17				
	2	J'	CPR11007	2.74	5.48				
					726.28				
POSEI	MELIIOD	OF DISPOSITION (CHECK ONE):	() RETURN TO VENDOR (LESS RE	SLOCKING)	()orner(spec)	IFY)	() SELL AT L	ESS THAN DOOK VALUE	(X) SCIMP

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

rem	} }	•			BOOK VALUE OFFERED			}	LEDGER ACCOUNT
)	QTY.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMBER
/	48	Capectocal	3778356	4.24	203.52		<u> </u>		
2	4		3151337	6.22	1688	1	<u> </u>		
3	23	•	385 2215	6.14	141.22				
4	142		3863342	290	411.80	·			
	.29		3166976	3.44	99.76				
6	g		386-1341	13.79	124.11				
/	9		3867280	20.47	184.23				
ر کی	40		CPK02	6.11	549.90		<u> </u>		
9	7		CPRIS	2.63	18.41				
10	12		CPR19	13:59	181.08				
11	ڻن [<u> </u>	CPR20	3.45	10.35		ļ		
	}				1947.26	,		1	

rato excess (w DATE OPERATING UNIT CONTROLIERS MCR. INVESTORIES LOCAL HIL. CHIL. MFG. ENG. OR FUNCT. MGR. DATE dec 934. note 1 CORP. CONTROLLER DATE DATE DATE DATE

APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

TEM 10.	qry.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	VALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
	34	Capacitous	3609368	1.22	47.58				
2	11.2		3610707	1.36	15233				
.3	y	,	3660913	11.58	95.04				
4	8		3665135	3.65	34.20				
	.2		3665341	2.45	4.90				
Ŀ	7		3100040	4.00	38.00				
1	2.		3400041	5.47	10.94				•
J'	52		3700/68	1.46	75.9.2				
4	4		3704297	1.58	6.32				<u> </u>
10	7		3710320	2.95	20.65				
71	/		3775420	3 52	2.5.3				
					473.39				
PROPOSE	D MELHOD	of Disposition (Check one).	() RETURN TO VENDOR (LESS RE	estocking)	()Driven (SPEC	IFY) () SELL AT L	ESS THAN BOOK VALUE	(X) SCIMP

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MCR. CREDIT DATE

DATE CORP. CONTROLLER

ORIGINATED BY .

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

ITEM NO.	qrr.	DESCRIPTION	PAHT/ASSET MUMDER	BOOK PER UNIT	VALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
/	3.34	Capacitors	3449,270	. 98	317.52				
.2	18	;	3451340	ジョン	105 30				
· 3	30		3483648	1.1.2	23.40				
4	//		3484141	4.175	52.25				
	11		3475362	7.65	84.15				
6	30		35.23.21.3	5.09	152.70				
	14		3523686	1.14	66.36	······			
5	10		3552010	5.91	59.10				
9	35		3552024	6.74	23540				
10	/		3552148	1.39	1.34		<u> </u>		
11	160	V	3601402	1,61	257.60	·			
					1354.61		<u> </u>		
PROPOSED	MELHOD	OF DISPOSITION (CHECK ONE).	() RETURN TO VENDOR (LESS RE	ealocking)	()DTHEN (SPEC	ify) () SELL AT L	ESS THAN DOOK VALUE	(X) SCIMP

COMMENTS: Service parts excess

LOCAL HIL. CHIL. MFG. ENG. OR FUNCT. MCR.

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See 936 - note I

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

EM					VALUE		FERED		LEDGER ACCOUNT
•	व्या.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMBER
/_	71	Cafacitacs	2934737	360	255,60		<u> </u>		
7	33		2968854	3.67	101.31				
_3	40	•	2969258	1.73	69.20				
:/_	ic		3405553	228	22.50				
	.30		3405754	3.50	70.00				
Ċ	40		3407040	1.07	4280				
7			3407041	3.53	3.53				
8	13		3408822	1.54	20.02				
4	35		3468833	6.08	231.04				
10	54		3409858	4.112	37818				
11	82	V	3469913	2.16	177.12				
					1271.90				

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

ITEM NO.	qry.	DESCRIPTION	PART/ASSET NUMBER	BOOK PER UNIT	YALUE TOTAL	OFI PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
	6	Capacitais	2317447	4.61	27.66				
· 2	50	L	2866336	1.13	56.50				
<u>.</u> 3	43	•	2572817	3.5/	15093	; ;			
_ 4/_	36		2915541	3.51	12636				
	64		2915548	5.70	364.80				
<u> </u>	1.3		2915738	345	44.85				
	1.		292/35/	185	5.10				
	25		2424343	2.70	14850				
4	3		2924469	3.37	10.11				
10	5		2939604	261	1.3.05				
	4		2934736	3.60	14.40				
					962.26				
PROPOSED	METHOD	OF DISPOSITION (CHECK ONB):	() RETURN TO VEHDOR (LESS RE	STOCKING)	()othen(speci	IFY) () SELL AT LI	ESS THAN BOOK VALUE	(scrap

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APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

M	1			BOOK	VALUE	OF	FERED		LEDGER ACCOUNT
	qry.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	TOTAL	PER UNIT	TOTAL	CAIN/ (LOSS)	NUMBER
	8.7	Caprilling	210821	1.84	154.56	<u> </u>			
	6		21807	3.07	12.42				
	12	1	211864	3.60	43.20		<u> </u>		
	1.2		211902	213	3276				
	165		21.2333	4.19	437.95				
	//		2319432	1.65	18 15				
	6		2419432	2.71	16.26				
	70		2540448	3.65	255.50				
	40		2543459	234	93.60	<u></u>	 		
	21		2638931	2.91	61.11		<u> </u>		
	113	·	3814774	206	33278		<u></u>		
					1360.29				
	D MERLIOD	OF PROPOGERATOR (GREAT ONE).	() RETURN TO VENDOR (LESS RES	STOOM THE!	()DTHER(SPEC	TEY)	ASELL AT L	ESS THAN BOOK VALUE	(/) SCIAP

COMMENTS Secrete partiexecus

LOCAL HIL, CHIL. HFG. ENG. OR FUNCT. MCR.

DATE

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DATE

OPERATING UNIT CONTROLIERS

CORP. CONTROLLER

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DATE

MGR. INVENTORIES
Su 934. Note I

DATE

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LOCATION Effingher

Non Facker)
ONIGINATED BY

8-7-54 Date

APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

ITEH NO.	gry.	DESCRIPTION	PART/ASSET NUMBER	PER UNIT	VALUE TOTAL	OFT PER UNIT	FERED TOTAL	CAIN/ (LOSS)	LEDGER ACCOUNT NUMBER
/	4	Calmitars	209461	5.83	23.32				
2	/		209462	4.66	4.66				
· 3	31	•	310134	5.43	439.83				
.1./	//		210810	230	35.30				
,	-/		210812	3.04	12.16	·			
L.	44		2/08/3	5.04	221.76				
•1	4		210814	. 78	3.12				
1	12		2/08/15.	5.41	1082				
Ì	276		210816	1.39	383.64				
10	1.2		210817	.76	1.52	ļ 			
11	129	<u> </u>	210820	1.25	161.25	 		<u> </u>	
			.•		1257.35	<u> </u>	<u> </u>	<u> </u>	<u> </u>
PROPOSE	D WELHOD	OF DISPOSITION (CHECK ONE)	() RETURN TO VENDOR (LESS RE	estocking)	()Driver(SPEC	IFY) () SELL AT L	ess tiian dook value	(/) SCHAP

HCR. CREDIT DATE ADDITIONAL APPROVALS DATE DIR. HFRLS. DATE CORP. CONTROLLER DATE EXECUTVE V.P. DATE

(suestion #5

ORIGINATED BY

APPROVAL IS REQUESTED FOR DISPOSITION OF THE FOLLOWING RESIDUAL INVENTORY:

item No.	QTΥ.	DESCRIPTION	PAHT/ASSET NUMBER	BOOK PER UNIT	VALUE TOTAL	OF PER UNIT	FERED TOTAL	CAIN/(LOSS)	LEDGER ACCOUNT NUMBER
	39	Caproctace	160500120101	267	77.43				
2	27		1605 00230 XOL	4.17	112.59				
· 3	40	•	160500230X03	5.68	511.20				
4	32		160500230X05	3.54	49.12				
<u>5</u>	100		1605 00230X11	2.50	250.00				
· (:	/		16.0500230001	426	4.26				
-/_	3		160500236004	3.02	4.06.	! 	ļ		
S	65		160500230006	225	146-25				
7	58		16.05 00230008	2.71	154.18				
10	47		160500230012	1.80	84.60	<u> </u>		<u> </u>	
11	274	V	1605 CO24C KO1	2.12	580.88		<u> </u>		
					2032.57				
PROPOSED	WELHOD	OF DISPOSITION (CHECK ONE):	() RETURN TO VENDOR(LESS REST	ocking)	<i>2032.37</i> ()priien(spec) SELL AT LI	ESS THAN DOOK VALUE	

Comments, Secrece parts incres executary DATE MGR. INVESTIGATES
Lee 936 - Mit I DATE OPERATION LOCAL HIL. CHIL. HFG. ENG. OR FUNCT, MGR. OPERATING UNIT CONTROLIERS

DATE

DATE

CORP. COMPROLLER

DATE

J-18985-038 Question #5

ADVANCED WASTE MANAGEMENT, INC. HARLAN ROAD ROUTE 22 BOX 294A TERRE HAUTE, INDIANA 47802 812-299-9547

. Texaco Refining & Marketing, Inc. P.O. Box 311 Lawrenceville, IL 62439 Attn: Mr. J. G. Earnest

ustomer's order P-LOA-123	SALESMAN 10	TERMS net 15	DATE SHIPPED 6/12/85	SHIPPED VIA Morris Trucking	F.O.B. MO Kansas City	6/25/85
-	dated Ju	une 4, 1985 a	and signed by	hority LvP-LOA-123, Mr. R. E. Dieckgraf ged in proper drums disposed as planned		
1449			Total cost			\$ 2,340.00 Pel 7/3//85

EDIFORM 75730

EXACO INC.	DEPT.	SUB NUMBER	INVOICE NO.	MO.	DAY	AMOUNT	NET AMOUNT
HOUSTON, TEXAS 77052						7/	
	ф08\$	10002				No i torre	
	024		J18985038				\$2,340.00
TEXACO			31070303				Q2,540.00
OLLOWING CODES IN "DEPT." MN IDENTIFY PAYMENTS FOR PANIES INDICATED BELOW:							
PACIFIC COAST PIPE LINE CO.	1 1	:			變		
abine Pipe Line Company							
HE TEXAS PIPE LINE COMPANY					3.0		
TEXAS - NEW MEXICO PIPE LINE CO.							
EXACO - CITIES SERVICE PIPE LINE CO (AW PIPE LINE COMPANY			· ·				
LL OTHER PAYMENTS ARE FOR TEXACO INC.			***************************************				

JULESHON #5

LPC 62 8/81

1	WASTE MANIFEST		42 671	<u> </u>	0305-02	of	by Illino		
	3. Generator's Name and Mailing Addres P. Q. Bex 311 4. Generator's Phone (terketing	Inc. wrenesvi	lle IL	ta	B.Illinoi		5/1	
	5. Transporter 1 Company Name			EPA ID Numb		C.Himoi	s Tranporter's	ID .	I
	Morris Trucking Co.	rporation		1665) 232 19		orter's F
	7. Transporter 2 Company Name	7 4	8. US	EPA ID Numb	er '		s Transporter		
	9. Designated Facility Name and Site-Ad	dress	10. 115	EPA ID Numb	or.	Gillino	·) Language	ransp	orters F
	P.C.B. Inc. of Mis- 2100 Wyandotte Eassas City, 10 6	souri.		8063304		Facil ID H.Facil	ty's Phone		50
	11, US DOT Description (Including Prop		Hazard Class	and ID Number	1 12.Cont	iners	22 5	14.	Jerye Engly :
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	d.							821	777
		A STATE OF SERVICE	Marcal Marca		9.75			Au	POPULATION
	L Additional Descriptions for Materials Li	isted Above				K Han	ling Codes to	Wastes Lie	sted Ah
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		1948年第186	1.434			,			
		The state of the s) () () () () () () () () () (
	16. GENERATOR'S CERTIFICATION: I above by proper shipping name and	hereby declare that are classified, pack	the contents of ed. marked, and	this consignme labeled, and a	ent are fully are in all res	and acc pects in	urately descrit proper condit	ed . ion	
	for transport by highway according t	o applicable internal	tional and nation	al government	al regulation	s, and I	linois regulatio	ns	Date
ł	Printed/Typed Name		Signati	ure		1		Moi	nth Da
1	DONG ABE	2		X Jen	رس	Fi	E (" a a a		611
	17. Transporter 1 Acknowledgement of	Receipt of Materials							Date
	Printed/Typed Name		Signati	ye - (1			nth Da
	Van Daugherty	<u> </u>		co U	aug	40	7-	0	6 1
	18. Transporter 2 Ackarowledgement of I	Heceipt of Materials	Signati	uro		in the second		Mar	Date
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	Filliteur i ypeu (fairte			MARIN CREEK IN MARINER	Contained to the	10 (19 miles)	The Carrier	er is die	
	19. Discrepancy Indication Space			Section 1	Act Car China				
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	19. Discrepancy Indication Space	ation of receipt of	Tazardous mate	rials covered	hy this mar	ifest ev	ceot as noted	l in	
		ation of receipt of h	azardous mate	rials covered	by this mar	ifest ex	cept as noted	Lin	Nate
	Discrepancy Indication Space 20. Facility Owner or Operator Certification	· 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	nazardous mate		by this mar	ifest ex			Date

Question #5

MORRIS TRU	CKING CORPO	DRATION		TERM PRO NO. NO. NO. NO. NO.
DATE SHIPPED TRACTOR SEN	TRAILER PPD/COLL	SHIPPER B/L NO.		DATE SPOTTED:
				DATE PICKED UP
6 12 85 9680 10:	2	. B NAME		11-12-82
H Texaco, In		1	Advance Waste Ma	anagement
Abbaess Lawrencevi		L ADDRESS		
Marathon Oi		L city	R.B.#22 Box 29L	IA YE
E Robinson,	FILE	0	Terre Haute.	Indiana 47802
CONSIGNEE	ADDRESS	STATE QUANTITY	QUANTITY QUANTIT	
0 B 06 W	07.00 15-1-1-			
.C.B Of Missouri	2100 Wyndotte			
	Kansas City Mo.			
HLL MINIMUM BILL ACTUAL SPECI	IAL INSTRUCTIONS:			
ST GROSS QUANTIT		WANTED THE SECOND PURPLE PARTY	İ	SHIPPER SIGNATURE
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TARE LEGAL CAPACIT	~		TEAMINE MANAGE	The division that the Anticut and Comment and Anticut and Comment and Anticut and Comment
BALLONS POUNDS HM	DESCRIPTION OF L	ADING	BILLING QUANTITY RATE	FOR OFFICE USE ONLY
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, L	Owpacinous			906.00
5 Drums 177514 5	letvie Transfor	Marathon		35.00
.0	es ORME/UN 23/	A B D D A		941.00
Mars & la C	apacitors / UN 23/	/5 B.D.P. Co		
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CONSIGNOR AGENT) / _	CONSIGNE AC	JEN)	^
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IGHWAY ROUTINGS				
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White G	ireen Cana	ary	Pink	Goldenrod

STATEMENT

MORRIS TRUCKING CORP.

3201 CANAL ROAD P.O. BOX 2042



TERRE HAUTE, IN 47802 812-232-1984

		Date Jun	١٧	19 <u>85</u>
Name	Advance Waste Manage	U	·	·- <u>-</u> -
Address	0.0			
City	Tenne Haute, Ind47			
DATE	DESCRIPTION	TICKET NO.	WEIGHT	TOTAL
5-29	Tenedante Into Hagyorto Phrelando.	A 3963		78900
68	Tene Hante, It & Chicago, In	F74605		35000
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				V

P.C.B. INC. OF MISSOURI

INVOIC

2100 WYANDOTTE	P.O. BOX 23793
KANSAS CITY,MO.64108	KANSAS CITY, MISSOURI 64141
(816)	221-3660
Sold To <u>Advanced Waste M</u>	anagement inc.
Box 294 A	
Tamma Harrina Ind	: 47802

No. 85-2333

Date June 18, 1985

Shipped to P.C.B. INC.OF MISSOURI

P.O. BOX 23793

K.C. MO. 64141

Your Order N	lo.	Our Order No. CONTRACT	Texaco Refining & Salesman	TOM LARGE						
Date Shipped		Shipped Via	F.O.B.	Tern	ns DUU		ON DECEIPT			
6-12-	85	MORRIS	LAWRENCEVIL	15, 11,	- 500	DUE UPON RECEIPT				
Quantity Ordered	Quantity Shipped	Stock Number/	Description	Pri	ice	Per	Amount			
3 DRMS	3 DRMS	P.C.B. CONTAMINATED CAPAC	ITORS 820 lbs	\$	65	15_	\$ 533			
			TOTAL	DUE			\$ 533			
	-	ALL ACCOUNTS ARE DUE AND	PAYABLE IN TEN DAY	S			\cap			
		FOLLOWING DATE OF INVOICE	E. A FINANCE CHARG	E OF		P	$d_{i,j}$			
		1½% PER MONTH WHICH IS AN	ANNUAL PERCENTAGE	RATE	-	7 / .	6/35			
	<u> </u>	OF 18% WILL BE CHARGED ON	I ALL PAST DUE ACCO	UNTS.		,	105\$			
					7					

[&]quot;PLEASE RETURN PINK COPY OF INVOICE WITH PAYMENT"

J-20785-040

Question #5

ADVANCED WASTE MANAGEMENT, INC. HARLAN ROAD ROUTE 22 BOX 294A TERRE HAUTE, INDIANA 47802 812-299-9547

BDP Company
Purchasing Department
P.O.PBOx BOx 70
Indianapolis, IN 46206

Attn: Mr. James Jones

ustomer's order PO 144761	SALESMAN 10	ret 30	DATE SHIPPED 6/12/85	SHIPPED VIA Morris	Trucking	F.O.B. M Kansas		7/26/85
-	_	ransportatio	n and Inciner	ation of	6 small			
		7, GE 45F8 13, Mallor	33, GE 45F14	06, GE	49F6620			\$ 100.00
			Total		Pa	2/6/	5	\$ 100.60

EDIFORM 75730 POL (PAK (50 SETS) 7P730 carboniess

				Phone (317) 243-0851	92500	-092500
INVOICE NO.	P.O. NO.	INVOICE DATE	VOUCHER	GROSS	DISCOUNT	NET
J2078504	144761	07/26/85	064995	100.00		100.00
		}				
NOT CORRECT B	ETHEN STATING					
FFERENCE DETAC	ETURN STATING CHICK BEFORE DE	POSITING.		100.00		100.00

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2000-0404. Expires 7-31-8c 1. Generator's US EPA ID No. **UNIFORM HAZARDOUS** Manifest Information in the shaded areas 2. Page 1 is not required by Federal law. 78348360H/A IND016393555 **WASTE MANIFEST** Generator's Name and Mailing Address A. State Manifest Document Number 7310 West Morris Street Indianapolis, Indiana 4. Generators Phone (317) 240 B. State Generator's ID 5. Transporter 1 Company Name US EPA ID Number C. State Transporter's ID Morris Trucking Corporation IND 016651127 D. Transporter's Phone 7. Transporter 2 Company Name US EPA ID Number 8. E. State Transporter's ID F. Transporter's Phone 9. Designated Facility Name and Site Address P.C. B. Inc. of Missouri 10. US EPA ID Number G. State Facility's ID **MOD 980633044** 2100 Wyandotte H. Facility's Phone Kansas City, MO 64108 12. Containers 14. Unit 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) Total Waste No. No. Type Quantity Wt/Vol a. N Waste Polychlorinated Biphenyls ORME/UN2315 E PCB Capacitors (small <3 lbs.*) RX 8 lbs none T b. 0 d. K. Handling Codes for Wastes Listed Above J. Additional Descriptions for Materials Listed Above * six nonregulated <3 lbs. each capacitors see attached list. 15. Special Handling Instructions and Additional Information 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. Date Printed/Typed Name Month Day Year William Reynolds 8 17. Transporter 1 Acknowledgement of Receipt of Materials Date Printed/Typed Name Month Day Year MICHAEL E. JOLNSON 6 1/2 185 18. Transporter 2 Acknowledgement of Receipt of Materials Date ORTER Printed/Typed Name Month Day Year DON Daughert S 19. Discrepancy Inditation Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Date

Labelmaster, Chicago, IL 60646 (312) 478-0900

Printed Typed Name

EPA Form 8700-22 (3-84)

Month Q

Year

CATE											_			DATE SPOTTED	_ · ·
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P		thon Oi						L	CITY .			R.H.#2	2 Box 2944 STAT	A	
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L MINIMUL	BILL ACTUAL	SPEC	IAL INSTRUC	TIONS:									<u></u>	- •	
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STATEMENT

MORRIS TRUCKING CORP.

3201 CANAL ROAD P.O. BOX 2042



TERRE HAUTE, IN 47802 812-232-1984

		Date Jun	ــ ایا	19	85
Name	Advance Waste Manage	U			
Address	0.0	<i></i>			
City	Tenne Haute, Ind 478	802			
DATE	DESCRIPTION	TICKET NO.	WEIGHT	TOTAL	
5-29	Tenestante Into Hagyorto Cherchando.	#3963		789	00
68		A4605		350	00
6-12	Indianippiis Into Clinton In	B 3906		270	00
6-12	Indiangetis in to Clinton In	B3905		270	00
68	chicago ill to clareland O.	F 4004		325	00
65	Tene Haut & to-Lowerwick &	# 3996		65	00
6-12	Lowerell It to Robinson It to Kanasle	i		941	00
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P.C.B. INC. OF MISSOURI

2100 WYANDOTTE

P.O. BOX 23793

KANSAS CITY,MO.64108

KANSAS CITY, MISSOURI 64141

(816)221-3660

Sold To _ Advanced Waste Management Corporation

Box 294A Harlan Road Rt.22

Terre Haute, Indiana 47802

	1	V	O	l	(

No. 85-2334

Date 6-24-85

Shipped to P.C.B. INC.OF MISSOURI

P.O. BOX 23793

K.C. MO. 64141

Your Order	io.	240-5272 PICK UP: BDP COMPAN Our Order No. CONTRACT	Salesma	n TOM LARGE				
Date Shippe	i	Shipped Via MORRIS TRUCKING	Terms	Terms DU		ON RECEIF		
Quantity Ordered	Quantity Shipped	Stock Number/Des		Price		Per	Amount	
1 BOX	1 BOX	P.C.B. CONTAMINATED CAPACITO	RS		\$ 120	00		\$ 120
						-	-	
			TO	TAL DUE:				\$ 120
		ALL ACCOUNTS ARE DUE AND PAY	ABLE IN 10	DAYS				
		FOLLOWING DATE OF INVOICE.	A FINANCE	CHARGE OF				
		1½ PER MONTH WHICH IS AN ANN	UAL PERCEN	TAGE				
		RATE OF 18% WILL BE CHARGED	ON ALL PAS	T DUE				
		ACCOUNTS.		· · · · · · · · · · · · · · · · · · ·	·			

[&]quot;PLEASE RETURN PINK COPY OF INVOICE WITH PAYMENT"

J-19885-039

Question #5

ADVANCED WASTE MANAGEMENT, INC. HARLAN ROAD ROUTE 22 BOX 294A TERRE HAUTE, INDIANA 47802 812-299-9547

*Marathon Petroleum Company Illinois Refining Division Robinson, Illinois 62454

S O L D

S H • P

Attn: Mr. J.P. Bradt

STOMER'S ORDER	SALESMAN	TERMS	DATE SHIPPED	SHIPPED VIA	F.O.B.	MO	DATE 7/1/	25
RL-9188 A-85	-2 10	net 30	6/12/85	Morris Trucking	Kans	as City	7/1/	3)
	Picku	p, and Disp	oosal of:					-
	3–55	gallon drum	s of PCB Liqu	id	\$ 40	5.00/ Dr	\$ 12 .	15 00
	1-55	gallon drum	s PCB Contami	nated Materials	\$ 17	5.00/ Dr	\$ 17	75 00
		gallon drum sts/capacit	of nonregula ors	ted PCB	\$ 17	5.00/ Dr	\$ 1 3	75 00
٠	1-55	gallon drum	of large PCB	Capacitors	\$.95/	\$ 298	3.30
8 4	(3.3)		Freight		10		'	48 00
DIFORM 75730 PAK (50 SETS) 7P730			Corat		PX	285	rà 25 carbo	

0241			DATE 31/85	692	ENDOR 34049	Direct Inqu	uiries To:		Petroleum Compa	Disbursing Section Phone 419-422-2121
ORGAN.	мо	VOU.	SUB	PURCHA ORDER N	INV	DICE NO.	INVO	ICE DATE	DISCOUNT	INVOICE/PAY AMOUNT
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2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

11532-0610 QUESTION #5

LPC 62 8/81

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SMALL PCBS BALLASTS/CAPACITORS - NON-REGULATED PCB-12 DRUM

Advance Transformer Co. RQM-2S40-1 FL, 120 V, 60 Cy. Advance Transformer Co. VQM-2S40-2 TP, 277V, 60 Cy, .35a 2 5 General Electric 8G1011, 120V, 60 Cy., 1.4a 2 1 General Electric 8G1022W, 120V, 60 Cy. Advance Transformer Co. VQM-2S30, 277V, 60 Cy. General Electric 7G1011, 120V, 60 Cy., 1.4a 6 Westinghouse S-464D073G01, 118V, 60 Cy, .85a Advance Transformer Co. VQM-2S40, 277V, 60 Cy, .36a 1 8 Advance Transformer Co. SM-2E75-S-TP, 120V, 60 Cy., 1.45a Advance Transformer Co. VQM-2S40-1TP, 277V, 60 Cy., .35a 1 General Electric 8G1020, 120V, 60 Cy., .8a Advance Transformer Co. SM-2E40-S, 120V, 60 Cy., .83a General Electric 7G1141, 120V, 60 Cy., 1.4a Advance Transformer Co. SEQ-275-S, 118V, 60 Cy., 1.55a Jefferson Electric Co. 234-881-012, 118V, 60 Cy., .85a

51 TOTAL

Noel C. Tanneur 6/12/85

must be legibly filled in, in lnk, in Indelible Pencil, or in Carbon, and retained by the Agent.

Question	#5	
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Waybill White Main Office Green Terminal Canary Original Freight Bill Pink Consignee Goldenrod

MORRIS TRUCKING CORP.

3201 CANAL ROAD P.O. BOX 2042



TERRE HAUTE, IN 47802 812-232-1984

		Date Jun	-e- 14	19 <u>85</u>
Name	Advance Waste Manage	•	·	
Address				
City	Tenne Haute, Ind47	802		
DATE	DESCRIPTION	TICKET NO.	WEIGHT	TOTAL
5-29	Tenedante Into Hagnets Clerclando.	#3963		78900
6-8	Tene Hant, Into Policago, In	F7 4005		35000
6-12	Indianipolis de to Clinta da	B 3906		270 00
6-12	Indiangelia de to Clinton In	B3905		270 00
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.C.B. INC. OF MISSOURI

2100 WYANDOTTE

P.O. BOX 23793

KANSAS CITY, MO.64108 KANSAS CITY, MISSOURI 64141

(816)221-3660

Sold To_	Advanced Waste Management Corporation	
9	Box 294A Harlan Road Rt. 22	
	Terre Haute, Indiana 47802	

INVOICE

No. 85-2331

Date 6-24-85

Shipped to P.C.B. INC.OF MISSOURI

P.O. BOX 23793

K.C. MO. 64141

Telephone No.618-544-2121 PICK UP: MARATHON PETROLEUM CO.

Your Order	No.	Our Order No. CONTRACT	Salesman TOM LARG	E)				
Date Shippe	d	Shipped Via MORRIS TRUCKING	FOBINSON, IL.	/	Terms	DU	E UP	ON RECEI	PT
Quantity Ordered	Quantity Shipped	Stock Number/Descrip	Price	•	Per	Amount			
1 DRUM	1 DRUM	1 P.C.B. CONTAMINATED OIL		\$	325	00	Dr.	\$ 325	00
2 DRUMS	2 DRUMS	2 P.C.B. CONTAMINATED DEBRIS		\$	1,20	00	DR.	\$ 240	00
1 DRUM	1 DRUM	1 P.C.B. CONTAMINATED CAPACITO	RS 3001bs.	\$	•	65	1b.	\$ 195	00
			TOTAL DUE:					\$ 760	00
*		ALL ACCOUNTS ARE DUE AND PAYAB	LE IN 10 DAYS				2		
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"PLEASE RETURN PINK COPY OF INVOICE WITH PAYMENT"

INVOICE

INVOICE

INVOICE

P.C.B. INC. OF MISSOURI

2100 WYANDOTTE

P.O. BOX 23793

KANSAS CITY, MO.64108

KANSAS CITY, MISSOURI 64141

(816)221-3660

ADVANCED WASTE MANAGEMENT CORPORATION Sold To

BOX 294A, HARLAN ROAD ROUTE 22

TERRE HAUTE, INDIANA 47802

No. 85-2331

Date 6/24/85

Shipped to P.C.B. INC.OF MISSOURI

P.O. BOX 23793

K.C. MO. 64141

Your Order N	io.	Our Order No. CONTRACT	Salesman Tom Large					
Date Shipped 6/12		Shipped Via Morris Trucking	F.O.B. Robinson, IL	Terms	DU	E UP	ON RECEIP	
Quantity Ordered	Quantity Shipped	Stock Number/Descripti	Price		Per	Amount		
3 DRUMS	3 DRUMS	PCB CONTAMINATED OIL		325	00	DR	975	00
1 DRUM	1 DRUM	PCB CONTAMINATED DEBRIS		120	00	DR	120	00
1 DRUM	1 DRUM	PCB CONTAMINATED CAPACITORS, 300	lbs.		65	LB	195	0 C
		TOTAL DI	JE				1,290	00
		ALL ACCOUNTS ARE DUE AND PAYABLE	IN 10 DAYS					
		FOLLOWING DATE OF INVOICE. A FIN	ANCE CHARGE OF					
		127 PER MONTH WHICH IS AN ANNUAL	PERCENTAGE RATE					
		OF 18% WILL BE CHARGED ON ALL PAS	T DUE ACCOUNTS.					-
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J-25285-069

Question #5

ADVANCED WASTE MANAGEMENT, INC. HARLAN ROAD ROUTE 22 BOX 294A TERRE HAUTE, INDIANA 47802 812-299-9547

• Marathon Petroleum Company Illinois Refining Division Robinson, Illinois 62454 S H • I P

Attn: Mr. J.P. Bradt

USTOMER'S ORDER	SALESMAN 10	net 30	DATE SHIPPED 9/5/85	SHIPPED VIA MOTTIS Trucking	F.O.B. Kansas	AO City	DATE 9/9/85	2
	dispose o	f the follow sformers (PC on drum of F	wing: CB's) C382367	red to pickupand , C382738, and 25 KV 80 PPM, but less	4			
	1 55 gallo	on drum of P	CB Transforme	er cil (1779 PPM)				
			Total Cost				≩6,670.	00
236		The state of the s				10	00	5
EDIFORM 75730 POLY PAK (50 SETS) 7P730						•	carbonic	25 <i>5</i>

02656		i	DATE	BANK NO. 692	1	ENDOR 4049	Direct Inqu	iries To:		n Petroleum Compa ndlay, Ohio 45840	ny Disbursing Section Phone 419-422-2121
ORGAN.	мо	vou.	SUB	PURCHA ORDER I		INV	DICE NO.	INVO	ICE DATE	DISCOUNT	INVOICE/PAY AMOUNT
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						DETACH	i BEFORE DE	EPOSITIN	G		:

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

'2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

Question #5 £532-0610

LPC-62 8/81

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		thon Petroleum Comp			:	,	IL	1354	995
		thon Avenue, Robins		52454			B.Illinois		
4	l. Genera	itor's Phone (618)	544-2121	L			Gener	rator's 035	80800
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7	'. Transp	orter 2 Company Name		8.	US EPA ID Numbe	ər	E.Illinois	Transporter's	ן ם
L							E1)	Transporter's P
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		s City, MO 64108			9806331			221 -3660	14.
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	X	Transformer PCB, ORM.E	UNZZ	3/5		001	*		Authorization ?
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J.	. Addition	RP-10/4.54 nal Descriptions for Materials L	isted Above	90					Vastes Listed Abo
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1	•	al Handling Instructions and Ad							
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1	retur	n to generator.							
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		oxicity of wastes							
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PART - 4 TRANSPORTER

PART - 5 IEPA PART - 6 GENERATOR

Permanent post-office address of shipper

The sementary of Lading and been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is

Question	#5	
Shipper No.		

STYLE F-60 LABELMASTER CHICAGO. 15

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	cifically in w	on value, shippers iriting the agreed or	This is to certify that the above-named materials are properly classified, described, packaged, marked and	Subject to Section 7 of the condi- the consignes without recourse on following statement:	tions, if this shipment is to be the consignor, the consignor si	delivered to hall sign the	TOTAL CHARGES:	\$	
	d value of the	property is hereby se not exceeding.	labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Signature	The carrier shall not make deliving treight and all other lawful charges (Signatu	ery of this shipment without	payment of	FREIGHT PREPA except when bux a right is checked	HT CHA	RGES Cheux oux if charge are to b collec
Bill of Ladir and condit indicated at as meaning to carry to i	ng, the propion of con bove which any person ts usual pla	erty described above in itents of packages un said carrier (the word of it or corporation in possible of delivery at said of	nd tariffs in effect on the date of the issue of this apparent good order, except as noted (contents showen), marked, consigned, and destined as carrier being understood throughout this contract session of the property under the contract) agrees estimation, if on its route, otherwise to deliver to n. It is mutually agreed as to each carrier of all or	any of, said property over a any time interested in all o shall be subject to all the the date of shipment. Shipper hereby certifies the governing classificatio shipper and accepted for h	or any said property, that il of lading terms and con that he is familiar with all in and the said terms and	every service additions in the the bill of la	e to be perfor le governing c liding terms an	med here lassificati d condition	under on on ons in
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Question #5

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STATEMENT ---

MORRIS TRUCKING CORP.

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August 29, 1985 Mr. Noel C. Tunneur Marathon Petroleum Company Illinois Refining Division Robinson, Illinois 62434 Dear Mr. Tanneur: As promised and as you requested, I am providing a firm quotation for the proper and safe pickup, transportation, and disposal of several FCB contaminated items, including transformers. Quotation: Advanced Waste Management, Inc. will properly package (transformers) pickup, transport, and dispose of the PCB items listed below for a total cost of \$ 6,670.00. All Items will be taken to our Contract facility, PCB, Inc. of Missouri. The transformers will be drained and flushed according to EFA requirements. all liquids including the drained and flushed liquids from the transformers will be incinerated. The transformer carcass will be shipped to an approved FCB landfill in Beatty, NA. Marathon must provide a "cherry picker" to load the three trans- formers as well as a "forklift" to load the two 55 gallon drums. Three GE Transformers (C382367,c382738, and 25 KVA, no number) One 55 gallon drum contain PCB liquids with more than 1700 ppm PCB's, but less than 500 ppm. One 55 gallon drum containing transformer fluid from the 25 KVA transformer, 1779 ppm. This proposal is in complete compliance with all federal, state and local regulations. Thanks for the opportunity to quote our services. If you have any questions please write or call. * Transformer packaging— Each transformer will be shipped inside a } inch or better plywood box with 6 inch sides. the box will be caulked 6 transformer vill shrouded in plastic.		
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for the proper and safe pickup, transportation, and disposal of several PCB contaminated items, including transformers. Quotation: Advanced Waste Management, Inc. will properly package (transformers) pickup, transport, and dispose of the PCB items listed below for a total cost of \$ 6,670.00. All items will be taken to our Contract facility, PCB, Inc. of Missouri. The transformers will be drained and flushed according to EPA requirements. all liquids including the drained and flushed liquids from the transformers will be incinerated. The transformer carcass will be shipped to an approved PCB landfill in Beatty, NA. Marathon must provide a "cherry picker" to load the three transformers as well as a "forklift" to load the two 55 gallon drums. Three GE_Transformers (C382367,c382738, and 25 KVA, no number) One 55 gallon drum contain PCB liquids with more than 1700 ppm 80 PCB's, but less than 500 ppm. One 55 gallon drum containing transformer fluid from the 25 KVA transformer, 1779 ppm. This proposal is in complete compliance with all federal, state and local regulations. Thanks for the opportunity to quote our services. If you have any questions please write or call. * Transformer packaging— Each transformer will be shipped inside a } inch or better plywood box with 6 inch sides. the box will be caulked & transformer will shrouded in plastic.		Dear Mr. Tanneur:
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August 29, 1985 -2-		inside a ½ inch or better plywood box with 6 inch sides.
		-August-29, 1985
Sincerely,		Sincerely,
ADVANCED WASTE MANAGEMENT, INC.		ADVANCED WASTE MANAGEMENT, INC.
Michael E. Johnson, P.E.		Michael E. Johnson, P.E.
Manager		

SUPPORTING DOCUMENTS FOR QUESTION #5

1986



ADVANCED WASTE MANAGEMENT, INC.

Question #5

HARLAN ROAD ROUTE 23 BOX 294A TERRE HAUTE INDIANA 47802 812-299-9547

P.O. Box 1568
Fort Worth, TX 76101
Attention: Brian Bethune

S Please remit to:
Advanced Waste Management,
P. O. Box 6643
I Terre Haute, IN 47802

CUSTOMER'S ORDER Letter 04/14/8	SALESMAN 6 10	TERMS Net 15	DATE SHIPPED 05/28/86	SHIPPED VIA Morris	Trucking	F.O.B. Kansas	City,	DATE 05/21/86
_	Reference:	Letter date	ed 04/14/86 f	rom Brian	n D. Bethune			
	1300 Gallor and disposa		removal fro	n tanker,	, treatment			\$6,022.7
	190 Gallons	5				\$3.00/0	allon	\$570.0
	Sampling ar	nd analysis o	of tanker					\$975.0
						Total		\$7,567.7
			1 1/2% Servi over 30 day		on Accounts	Po	25	18-6

PAK (50 SETS) 7P730

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4800 BLUE MOUND RD. • P.O. BOX 1568 FORT WORTH, TEXAS 76101 (817) 625-2181

DESCRIPTION	INVOICE DATE	INVOICE NUMBER	AMOUNT :	DISCOUNT	NET AMOUNT
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Form Approved. OMB No. 2000-0404. Expires 7-31-86

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	3. Generator's Name and Mailing Address				A. State	Manifest Do	cument	Number	
	Division of Fruehauf Corporation 4800 Bluemond Road Ft. Worth, IX /6161 4. Generator's Phone (216) 545-2575				B. State	Generator's	ID		
		6. US El	PA ID Numbe	r	C. State	Transporter	s ID		
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	Designated Facility Name and Site Address P.C.B., Inc	10. US EI	PA ID Numbe	r		Facility's ID		1	
	2100 Wyandott Kansas City, MO	MOD980	633044		H. Facili	ty's Phone	en sale Protesta		
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	J. Additional Descriptions for Materials Listed Above				K. Handli	ng Codes for	Waste	s Listed Abo	ve
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11	15. Special Handling Instructions and Additional Information				Section of the Sectio		<u> </u>	-	
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	to applicable international and national government regula Unless I am a small quantity generator who has been exemunder Section 3002(b) of RCRA, I also certify that I have a	npted by statute	e to reduce the	he volume	and toxici	ty of waste o	enerate	ed to the dec	ree
	I have determined to be economically practicable and I have which minimizes the present and future threat to human he	ave selected the ealth and the en	method of ti	reatment,	storage, o	r disposal cu	urrently	availabie to	me
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RAN	Printed/Typed Name	Signati	ДСД ,	./			1 1	Month Day	Year
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Question #5

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EARHART PETROLEUM INC. 33438

P.O. BOX 39 • 1494 LYTLE RD.

TROY, OHIO 45373

TROY 335-2928

DAYTON 236-3170

PIQUA 773-5896

Purchase Order No.

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STATEMENT

MORRIS TRUCKING CORP.

3201 CANAL ROAD P.O. BOX 2042 TERRE HAUTE, IN 47802 812-232-1984

	Adrance Waste Manay Rl 22 Box 2947	Date Jun	. 9	19_	86
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March 3, 1986

Mr. Michael E. Johnson Advanced Waste Management, Inc. Harlan Road, Route 22 Box 294A Terre Haute, Indiana 47802

Re: Quotation

Dear Sir:

I am Assistant General Counsel to Fruehauf Corporation. A 1977 Fruehauf Stainless Steel Tank was recently recovered from a defaulting customer and is being stored in Youngstown, Ohio. The tank trailer has a capacity of 8,000 gallons and is currently holding approximately 1,300 gallons of PCB contaminated mineral oil. A recent test performed by Ohio EPA indicates that the level of contaminants is 180 parts per million.

Fruehauf Corporation desires that quotations on the cost of disposal be sought from federally approved disposal units. Therefore, please provide this office, at the address listed below, with your firm's quotation based upon the information provided herein. Should you require additional information please do not hesitate to call. Your quotation should include the cost of delivering the subject trailer to your site and, of course, the cost of cleaning the trailer so that it can be safely returned to its normal use, as well as the cost of disposal of the contaminated oil.

Please forward your quotation as soon as possible.

Brian D. Bethune

Respectfully,

Assistant General Counsel

BDB/ks/0586L

cc: Mr. Gene Baker

Vice President, Sales

Rick Collier

New Trailer Sales Manager



April 14, 1986

Mr. Michael E. Johnson, P.E., Manager Advanced Waste Management, Inc. Harlan Road Route 22 Box 294A Terre Haute, Indiana 47802

Dear Mr. Johnson:

Pursuant to my invitation by letter dated March 3, 1986, your bid of March 26, 1986, to remove PCB contaminated mineral oil from the 1977 Fruehauf Aluminum Tank Trailer, serial number UNY578001, currently located at the Youngstown, Ohio branch of Fruehauf Trailers Division of Fruehauf Corporation has been received. Upon my authority as Assistant General Counsel for Fruehauf Corporation I accept the bid as stated in your letter of March 26, 1986.

As we further discussed, there would be an additional cost for obtaining a sample of the oil in the tank trailer and for analysing its PCB content. I am obtaining a copy of the most recent EPA analysis which you acknowledged would be satisfactory and would thereby avoid additional expense.

Thank you for your assistance and should you have any questions, please do not hesitate to call.

Respectfully,

Brian D. Bethune

Assistant General Counsel

BDB/ks/0822L

May 19, 1986

Advanced Waste Management Route #22 Box 294-A

Terre Haute, Indiana 47802

ATTN: Michael Johnson

RE: Report of analysis of sample (your #051585-81) received May 15,

1986 and subsequently designated as LTR 16129

RESULTS:

PCB as A1260 127 mg/L

PCB as A1016 16 mg/L

Total PCB's 143 mg/L

Submitted by

O A Laboratories and Research, Inc.

Edward W Parkersa)

William E. Oatess Laboratory Director

Edward W. Parkerson

Chemist

WEO/mlw

A W M

Question #5

ADVANCED WASTE MANAGEMENT, INC.
MARLAN ROAD ROUTE 22 BOX 294A TERRE HAUTE, INDIANA 47362
812-299-9547

Marathon Petroleum Company
Illinois Refining Division
Robinson, IL 62454
Attention: Noel Tanneur

POLY PAK (50 SETS) 7P730

н · Please remit to:

Advanced Wasto Management

P. O. Box 6043

Terre Haute, IN 47802

USTOMER'S ORDER	SALESMAN	TERMS	DATE SHIPPED	SHIPPED VIA	F.O.B.	DATE
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CHECK NUMBER PAY DATE BANK NO. **VENDOR** Marathon Petroleum Company Disbursing Section Direct Inquiries To: Findlay, Ohio 45840 Phone 419-422-212 A96394 839 355541 11/17/86 PURCHASE ORGAN. vou. INVOICE/PAY AMOUNT INVOICE NO. INVOICE DATE DISCOUNT MO SUB ORDER NO. CODE

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DETACH BEFORE DEPOSITING

Question LPC 62 8/81

EPA Form 8700-22 (3-84) Form Approved, OMB No. 2000-0404, Expires 7-31-86 (Form designed for use on elite (12-pitch) typewriter.) 1. Generator's US EPA ID No. Information in the shaded areas is not UNIFORM HAZARDOUS I L D 0 0 5 4 7 6 8 8 2 8 6 0 1 4 required by Federal law, but is required **WASTE MANIFEST** by Illinois law. 3. Generator's Name and Mailing Address A.Illinois Manifest Document Number Marathon Petroleum Company Illinois Refining Division, Robinson, IL 62454 **BJIllinois** 4. Generator's Phone (618) 544-2121 US EPA ID Number C.Illinois Tranporter's ID 5. Transporter 1 Company Name II N D O 1 6 6 5 1 1 2 7 D812 232-1984 Transporter's Phone Morris Trucking Corp. 7. Transporter 2 Company Name 8 US EPA ID Number Ellinois Transporter's ID Transporter's Phone 9. Designated Facility Name and Site Address 10. US EPA ID Number Gillinois P.C.B. Inc. of Missouri 8290950009 2100 Wyandotte H.Facility's Phone Kansas City, MO 64108 816,221-3660 MOD980633044 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12.Containers Total Unit Waste No. Type Quantity Wt∕Vo EPA HW Number: a. E Waste PCB Capacitors X N ORM-E UN 2315 Authorization Numb 0 0 1 D M 0, 2, 7 E b. EPA HW Number R 1 1 1 A **Authorization Number** т EPA HW Number 0 R Authorization Number EPA HW Numbe d. 1 1 1 Authorization Numbe L Additional Descriptions for Materials Listed Above K. Handling Codes for Wastes Listed Above a. Large Capacitors/Ballasts (434 lbs.) T03/080 liquids - incineration Total weight Drum: 362165 solids - PCB Landfill 15. Special Handling Instructions and Additional Information If the above waste is undeliverable for any reason, return to generator. I certify that I have taken economically practicable steps to minimize the volume and the toxicity of wastes at this facility. 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations, and Illinois regulations. Date Printed/Typed Name Month Day Year 17.7418名 17. Transporter 1 Acknowledgement of Receipt of Materials Date Printed/Typed Name Month Day Year ANSPORTER 18. Transporter 2 Acknowledgement or Receipt of Materials Date Printed/Typed Name Signature Month Day Year 19. Discrepancy Indication Space L 20. Facility Owner or Operator. Certification of receipt of hazardous materials covered by this manifest except as noted in TY Item 19. Date Printed/Typed Name Signature Month Day Year *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* IN ILLINOIS: 217 / 782-3637 OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675 STRIBUTION: PART - 1 GENERATOR PART - 2 IEPA

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STATEMENT

MORRIS TRUCKING CORP.

3201 CANAL ROAD P.O. BOX 2042 TERRE HAUTE, IN 47802 812-232-1984

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October 2, 1936

Mr. Noel Tanneur Marathon Petroleum Company Illinois Refining Division Robinson, IL 62454

Dear Mr. Tanneur:

In response to your request, Advanced Waste Management, Inc. is pleased to provide the following quotation for the pickup, transportation, and incineration of PCB capacitors.

Advanced Waste Management, Inc. will pickup one 55 gallon drum of PCB contaminated capacitors and transport the material to our contract facility, PCB, Inc. in Kansas City, MO. The capacitors will be shredded; the PCB liquid will be removed and incinerated; and the capacitor solids will be rinsed with solvent and the rinse will also be incinerated. The cleaned carcass will be landfilled. The cost for disposal/incineration shall be \$1.70 per pound total drum weight. Transportation will be \$525.

This proposal is in complete compliance with all local, state, and federal regulations.

If you have any questions, please write or call.

Sincerely,

ADVANCED WASTE MANAGEMENT, INC.

Michael E. Johnson, P.E. Manager

MEJ: lh

A W M

INVOICE NO. J-34986-184

ADVANCED WASTE MANAGEMENT, INC.
FLARLAN ROAD ROUTE 22 BOX 204A TERRE HAUTE, INDIANA 47882
812-299-9547

S O L D

Midwest Minerals, Inc. 19 South 6th Street, Suite 805 Terre Haute, IN 47808

Attention: Mr. Charles B. Lee

S H • Please remit to:

Advanced Waste Management P. O. Box 6043

Terre Haute, IN 47802

CUSTOMER'S ORDER	SALESMAN	TERMS	DATE SHIPPED	SHIPPED VIA	F.O.B.	DATE
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Division of Land Pollution Control - Manifest Indiana State Board of Health

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STATEMENT

MORRIS TRUCKING CORP.

3201 CANAL ROAD P.O. BOX 2042 TERRE HAUTE, IN 47802 812-232-1984

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Division of Envirosure Mgmt. Corp.

ock Creek Office Park • Suite 10S • 2700 Rock Creek Parkway • North Kansas City, MO 64117 • (816) 471-0684

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	HARLAN ROAD	ROUTE 22 BOX 29	4 A
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INVOICE

No. 0801 86-3906

Date NOVEMBER 30, 1986

Shipped to ____ENVIROSURE

Suite 105 • 2700 Rock Creek Parkway

North Kansas City, MO 64117

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INVOICE

SUPPORTING DOCUMENTS FOR QUESTION #5

1987

A W M

J-30287-100

ADVANCED WASTE MANAGEMENT, INC. HARLAN ROAD ROUTE 22, BOX 294A TERRE HAUTE, INDIANA 47802-9779 812-299-9547

Question # 5

S 0 L 0

Midwest Minerals, Inc. 19 South 6th Street, Suita 805 Terre Haute, IN 47807 Please remit to: Advanced Waste Management, Inc. P.O. Box 6043 Terre Haute, IN 47802-6043

	Attention: C	harles B. Lee	È					
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ļ	Reference:	Letter of c	quotacion des	ed October	16, ±967,	utjatik.		

June 22, 1987

Mr. Charles B. Lee Vice President Midwest Minerals, Inc. 19 South 6th Street, Suite 805 Terre Haute, IN 47807

Dear Mr. Lee:

Advanced Waste Management, Inc. can provide for the proper and safe excavation, containerization, transportation and disposal of the PCB contaminated soils found on your property, as well as conduct and supervise follow up sampling and testing to verify the clean up.

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Quotation:

Advanced Waste Management, Inc. in accordance with an approved clean up plan will excavate all PCB contaminated soil at a labor cost of \$150/Hour. The excavated soil will be placed in DOT approved 55 gallon steel drums and transported to our contract facility Envirosure Marketing Corporation, Kansas City, MO 64117. The cost of disposal, including the 55 gallon drums, shall be \$225 per drum; the freight charges shall be \$900/load, maximum 40,000 pounds net.

This proposal is in complete compliance with all federal, state, and local regulations.

Thank you for the opportunity to quote our services. If you have any questions, please write or call.

Sincerely,

ADVANCED WASTE MANAGEMENT, INC.

Michael E. Johnson, P.E. Manager

MEJ: 1h

June 23, 1987

Mr. Guille Cox Cox, Zwerner, Gambill and Sullivan, Lawyers Seventh Floor, Merchants National Bank Building P.O. Box 1625 Terre Haute, IN 47808-1625

Re: Midwest Minerals

PCB Contaminated Soils

Dear Mr. Cox:

Find enclosed a copy of my letter dated June 22 to Charles B. Lee, Vice President of Midwest Minerals providing him with my quote. Also, enclosed is a copy of the Draft of the letter from Mr. Lee to Kevin Hogan, Indiana Department of Environmental Management, Indianapolis, IN.

Mr. Cox, if you have any comments or questions, please give us a call.

Sincerely,

ADVANCED WASTE MANAGEMENT, INC.

Michael E. Johnson, P.E. Manager

lh

Enclosures:

Midwest Minerals
Question #5

August 17, 1987

Guille Cox Attorney at Law Cox, Zwerner, Gambill and Sullivan Seventh Floor Merchants National Bank Building P.O. Box 1625 Terre Haute, IN 47808-1625

Re: PCB Matter

Dear Mr. Cox:

Enclosed is the revised Action Plan, Exhibit A to be attached to the Agreed Order.

I see no problem in keeping with the time schedule you have outlined. And I agree that we should proceed as soon as possible with the removal of the contaminated soil.

If you have any further questions or comments, please don't hesitate to give me a call.

Sincerely,

ADVANCED WASTE MANAGEMENT, INC.

Michael E. Johnson, P.E. Manager

MEJ: lh Enclosure:

cc: Charles Lee

Questin #15

MIDWEST MINERALS, INC

ACTION PLAN

REFERENCE: Cause N-277

- 1) Midwest Minerals, Inc. has blocked the access road to the site. This action was taken in the summer of 1985
- 2) The capacitors in question have been transferred to DOT containers as set forth in 40 CFR 761.65 (c) (6). The PCB capacitors, properly packaged, have also been shipped to an off-site facility for disposal.
- 3) A sampling plan as outlined below has been completed:

The areas of PCB contamination and possible PCB contamination have been staked out, photographed, measured and sampled (see enclosure). Area A is the site of most concern and this is the location where the capacitors had been dumped. There is known PCB contamination of this area and in retesting (10 random samples composited into a single sample), Area A was found to have a PCB level of 1120 mg/kg. Area A is approximately 150 square feet.

Area B is the runoff area down gradient from Area A and consists of two fingers as can be seen in the photograph of Area B. This area was also randomly sampled with ten discreet samples composited into one sample and tested for PCB content. The result was 52 mg/kg. Area B is approximately 50 square feet.

Area C was sampled with ten random samples composited into one sample and this area, consisting of approximately 55 square feet, yielded an analysis of 12.4 mg/kg.

4) Clean up Plan:

The clean up of the site will be as follows:

Midwest Minerals, Inc. Action Plan
Page 2

Area A, approximately 150 square feet, will be excavated to one inch below visible contamination or a depth of 3", whichever is greater. This contaminated material will be removed from the site in DOT approved 55 gallon drums and taken to a federally approved facility for the proper disposal of PCB contaminated soils. The actual disposal will be documented by proper manifesting and certificates of disposal.

Area B will be excavated to a depth of 1" below visible contamination or a depth of 3", whichever is greater. The removed soil will be placed in DOT approved 55 gallon drums and shipped off site as outlined in the above paragraph.

Area C will be excavated to a depth of 1" below visible contamination or a depth of 3", whichever is greater. The removed soil will be handled as the soils from Area A and Area B.

5) Post Clean Up Verification Sampling

In concert with IDEM personnel, Midwest Minerals, Inc. will insure that the site has been properly cleaned by following a modified version of the Field Manual for Verification of PCB Spill Cleanup prepared for the US Environmental Protection Agency on June 27, 1985 and written by Gary L. Kelso, Mitchell D. Erickson, and David C. Cox.

The maximum allowable PCB level left in the soil after clean up shall be 10 mg/kg or less.

6) Advanced Waste Management, Inc., Terre Haute, IN has been retained to carry out the sampling, excavation, transportation and disposal of the contaminated soil as well as direct the follow up sampling and testing.

Prepared by:

Michael E. Johnson, P.E. Advanced Waste Management, Inc.

June 22, 1987

Mr. Kevin M. J. Hogan
Indiana Department of Environmental Management
Division of Land Pollution Control
Chesapeake Building
105 South Meridian Street
Indianapolis, IN 46225

Dear Mr. Hogan:

As a follow up to your meeting with Mr. Michael E. Johnson of Advanced Waste Management, Inc., our consultant, we are hereby providing an updated action plan regarding the PCB spill on Midwest Minerals. Inc.'s mining property in Vigo County.

Although the dumping of the PCB Capacitors on Midwest Minerals, Inc.'s property and the resulting spill of some of the PCB fluids was entirely due to the actions of unknown parties who trespassed in order to dump the capacitors, Midwest Minerals, Inc. is taking positive steps to alleviate the situation. Please review the plan of action outlined below and provide any comments or suggestions at your earliest convenience.

Action Plan

- 1) Midwest Minerals, Inc. has blocked the access road to the site. This action was taken in the summer of 1985.
- 2) The capacitors in question have been transferred to DOT containers as set forth in 40 CFR 761.65 (c)(6). The PCB capacitors, properly packaged, have also been shipped to an offsite facility for disposal (see attached manifest dated October 13, 1986).
 - 3) A sampling plan as outlined below has been completed:

The areas of PCB contamination and possible PCB contamination have been staked out, photographed, measured and sampled (see enclosure). Area A is the site of most concern and this is the location where the capacitors had been dumped. There is known PCB contamination of this area and in retesting (10 random samples composited into a single sample), Area A was found to have a PCB level of 1120 mg/kg. Area A is approximately 150 square feet.

Kevin Hogan IDEM Page 2

Area B is the runoff area down stream from Area A and consists of two fingers as can be seen in the photograph of Area B. This area was also randomly sampled with ten discreet samples composited into one sample and tested for PCB content. The result was 52 mg/kg. Area B is approximately 50 square feet.

Area C was sampled with ten random samples composited into one sample and this area, consisting of approximately 55 square feet, yielded an analysis of 12.4 mg/kg.

4) Clean up Plan:

The clean up of the site will be as follows:

Area A, approximately 150 square feet, will be excavated to one inch below visible contamination or a depth 3", which ever is greater. This contaminated material will be removed from the site in DOT approved 55 gallon drums and taken to a federally approved facility for the proper disposal of PCB contaminated soils. The actual disposal will be documented by proper manifesting and certificates of disposal.

Area B will be excavated to a depth of 1" below visible contamination or a depth of 3", whichever is greater. The removed soil will be placed in DOT approved 55 gallon drums and shipped off site as outlined in the above paragraph.

Area C will be excavated to a depth of 1" below visible contamination or a depth of 3", whichever is greater. The removed soil will be handled as the soils from area A and Area B.

5) Post Clean Up Verification sampling

In concert with IDEM personnel, Midwest Minerals, Inc. will insure that the site has been properly cleaned by following a modified version of the field Hanual for verification of PCB sail clear up prepared for the US Environmental Protection Agency on June 27, 1985 and written by Gary L. Kelso, Mitchell D. Erickson, and David C. Cox.

The maximum allowable PCB level left in the soil after clean up shall be 10 mg/kg or less.

Question#5

Kevin Hogan IDEM Page 3

- 6) Advanced Waste Management, Inc., Terre Haute, IN has been retained to carry out the sampling, excavation, transportation and disposal of the contaminated soil as well as direct the follow up sampling and testing. (Please see attached proposal as submitted by AWM, Inc.)
- 7) The submission of this action plan and any activities undertaken by Midwest Minerals, Inc. pursuant to the above plan shall not be deemed an admission of any liability whatsoever on the part of Midwest Minerals, Inc. for any contamination caused by the capacitors that were left on the property by trespassers. Midwest Minerals, Inc. reserves all of its rights and waves none of its defenses to the pending action before the Environmental Management Board. This action plan is submitted in the spirit of cooperation and for the purpose of proposing a settlement without litigation and in order to correct in a reasonable fashion existing dangers not caused by us.

We appreciate your cooperation in this manner and again request any comments you may have.

Sincerely,

MIDWEST MINERALS, INC.

Charles B. Lee Vice President

October 16, 1987

Mr. Charles B. Lee Midwest Minerals, Inc. 19 South 6th Street, Suite 805 Terre Haute, In 47807

Dear Mr. Lee:

As a follow up to our telephone conference earlier today, I am pleased to present the following quotation for the excavation, drumming, labeling, and proper disposal of PCB contaminated soils as referenced in Cause N-277 with the Indiana Department of Environmental Management.

Quotation:

Advanced Waste Management, Inc. will excavate the contaminated soils in areas A, B, and C according to item #4, Clean Up Plan of The Action Plan in Cause N-277. This excavation work will be done at a cost of \$75 per man hour and is anticipated to take two men approximately 8 hours to complete. The excavated material will be placed in 17H, open top, steel drums. The cost of these drums shall be \$25/each. The properly drummed, sealed, and labeled contaminated soil will be moved from the excavation site within 24 hours of the excavation and be transported to our contract facility, Envirosure Marketing Corporation, Kansas City, MO 64117. The cost of disposal shall be \$250/drum; the freight charges shall be \$900/load, maximum 40,000 pounds net.

It is estimated there will be 8 to 10 55 gallon steel drums of material when the excavation is complete. Once the excavation is complete, post clean up verification sampling will be conducted in concert with IDEM personnel as outlined in The Action Plan in Cause Number 277. The cost of post clean up verification sampling shall be \$1,000. The PCB testing of the verification sampling shall cost \$300. If the results of the verification testing are favorable, the project will then be complete. If the samples fail the verification procedure, then additional excavation, verification sampling and testing will have to be conducted. This, of course, will be in close consultation with the Indiana Department of Environmental Management.

C. Lee
October 16, 1987
Page 2

This proposal is in complete compliance with all federal, state, and local regulations.

With your acceptance of this proposal, we would tentatively plan to start excavation on Tuesday, October 26, 1987. Please respond in writing as to your approval.

If you have any comments, please give me a call.

Sincerely,

ADVANCED WASTE MANAGEMENT, INC.

Michael E. Johnson, P.E. Manager

MEJ: lh

cc: Guille Cox - Cox, Zwerner, Gambill & Sullivan - Lawyers

Questin#5 =

A W M

ADVANCED WASTE MANAGEMENT, INC.

Harlan Road Route 22 Box 294A • Terre Haute, Indiana 47802-9779 812-299-9547

December 17, 1987

Mr. Kevin M. J. Hogan Indiana Department of Environmental Management Division of Land Pollution Control 105 South Meridian Street Indianapolis, IN 46225

Re: IDEM vs. Midwest Minerals, Inc. Cause Number N-277

Dear Mr. Hogan:

In response to our telephone conversation last week, I am providing my understanding of that discussion for the record.

In the Action Plan approved in Cause Number N-277, Midwest Minerals, Inc. was to insure that the site had been properly cleaned by following a "modified" version of the Field Manual for Verification of PCB Spill Cleanup. On page 20 of the Field Manual under item 5.7.1 Samples Outside the Spill Cleanup Area, "If the number of samples outside the cleanup area becomes excessive (e.g., over 50%), the cleanup strategy may require modification. This situation could arise from highly irregular or elongated spills," the spill site at Midwest Minerals, Inc. is highly elongated; approximately 72 feet in length while only 2 feet in width over half of its distance. It was agreed with this writer that the distance, u, between successive sampling rows as described in Table 2. on page 18 of the above referenced Field Manual would be modified in order that additional samples would be taken in the cleanup area. This action has been taken and in fact the modified sampling layout has been completed and awaits the actual sampling procedure.

It was agreed that during the last two weeks of December, 1987, you and I would meet at the Midwest Minerals' site and obtain split samples for cleanup verification.

Mr. Kevin Hogan IDEM December 17, 1987 Page 2

This sampling procedure and timetable is in compliance with agreed order in Cause N-277.

Sincerely,

ADVANCED WASTE MANAGEMENT, INC.

MEJ:1h

cc: Charles Lee

B. Guille Cox, Jr.

74-98 no CO 02 #386-47 25-939880 WASTE BARCOMChemes OLOGE-SE 032186-53 84-78 9080 CHROND PLATING WANTE CHOYPE-55 32-28-511 040086-54 82-582811 120085-34 15-389250 631486-49 CY-53 22 11 112285-29 112285-31 112012-187 032516-50 120285-33 121885-35 121885.40 610986-42 121885-37 121885-38 121885-39 44- 988719 11-786010 C10986-43 51-288-10 121885-36 Per Soil pesso. SOLLS FRAM CHUSTIC TRUK Cyanide Coutominated Insulation 50 VA Medical Cevaler Danyille, Il Worle fransformer pil Bretrectment PAIST THANK nired SER LIE PRINTSLUBSEU Sorunt & I hmin Aprix A ARLY B Ann a FORMALIYER - (Pepchlon Slopse) BARLUM V Fox 4 FOIS Philing Sludge t Phenol/Resin Copper Cyonda Filter Kpal paint sludge worte Deel Still Bottom Vicus First Paper ・レー MIN SOMES 10-C PRODUCTS CORP 9179 Compeond 34 OVERHARD DOOR LE 35 Marsinon MIPhui Downoo INDIAN Stal & WIRE Fw3 Solvent faint Chips 33 Bay State Apresives Phosphale ROFF MARYER MARAPLON -MARRICE 18 In Steel + WIR may saot Allstate Mtg. 40 Road messer 38 Roadmoster 39 Roadmoster ON 46, BDPCO 25) MIDWIST 45 Fedders ر_ 44 Fedders 42 Games 43 Gemes 50 フ

Question #5

and Research

April 14, 1986

Advanced Waste Management Route #22 Box 294-A Terre Haute, Indiana 47802

ATTN: Michael Johnson

RE: Examination of soil samples for PCB's

PURPOSE: Determine if polychlorinated biphenyl's (PCB's) are present in the samples and quantitate any arochlors indicated to be present.

DESCRIPTION OF SAMPLES: Three 1 pint containers of solid material were received March 27, 1986 and subsequently designated as LTR 15974-1, -2 and -3.

PROCEDURE: The samples were extracted by EPA Method 3540 "Soxhlet Extraction" to obtain the oil phase. The procedure used for the examination of the oil phase was published by Environmental Monitoring and Support Laboratory, Office of Research and Development, U.S. EPA, Cincinnati, Ohio 45268 as The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils, EPA-600/4-81-045.

This method provided for the gas chromatograph with electron capture detector quantitation of PCB arochlors: A1016, A1221, A1232, A1242, A1248, A1254, A1260, A1262 and A1268.

RESULTS: The results of the analyses are presented in the following table:

LTR Number	Your ID	Arochlor Present	Concentration
15974-1	032686-51 Area A	A1254	1120 mg/Kg
-2	032686-52 Area B	A1254	52 mg/Kg
- 5	032686-53 Area C	A1254	12.4 mg/Kg

Submitted by

O A Laboratories and Research, Inc.

Thomas M. Crawford, Ph.D.

President

EWP/mlw

Edward W. Parkerson

Aun Ow Parking

Chemist



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A Laborato	
	W. DR. (317) 353-9721
Customer Purchase Order No	LTR 15974
Services Requested By:	Extra Copies or Invoice To:
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INFORMATION WANTED:	
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Signature Cohm	7-27-86 Date